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ABSTRACT

This guide was designed to help elementary school faculties begin a cycle of evaluation, revision, implementation, and change which can coincide with other evaluation cycles, such as Educational Quality Assessment (EQA) testing or longrange planning, if desired. The processes described in the general procedures section are suggestions; situation. This document is generally cognitive in nature because knowledge with understanding is still a primary reason for basic education. Attempts to "open" or humanize education as well as to involve the community in the schools, however, must also be considered in any self-study. This guide reflects those attempts by including (1) a special section on the evaluation of experimental organizational, instructional, and special subject programs; (2) items in all sections on affective education, individualizing instruction and using discovery, inquiry and exploration techniques with children; and (3) comprehensive sections which examine the entire school program from different viewpoints. The open-ended commendations and recommendations summaries allow all participants to place proper emphasis on what each considers the most important findings of the study. (Author/BJG)

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A Faculty Self-Study of the Elementary School

Pennsylvania Department of Education 1975

A Faculty Self-Study of the Elementary School

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Introduction

This guide will help elementary school faculties begin a cycle of evaluation, revision, implementation and change which can coincide with other evaluation cycles, such as EQA testing or long-range planning, if desired. The processes described in the general procedures section are suggestions; each school or district should modify the procedures to accommodate its own unique situation.

This document is generally cognitive in nature because knowledge with understanding is still a primary reason for basic education. Attempts to "open" or humanize education as well as to involve the community in the schools, however, must also be considered in any self-study. This guide reflects those attempts by including (1) a special section on the evaluation of experimental organizational, instructional and special subject programs, (2) items in all sections on affective education, individualizing instruction and using discovery, inquiry and exploration techniques with children and (3) comprehensive sections which examine the entire school program from different viewpoints. The open-ended commendations and recommendations summaries allow all participants to place proper emphasis on what each considers the most important findings of the study.

DEVELOPMENT OF THE SELF-STUDY GUIDE

- 1957 - Department of Public Instruction published a simple guide to help local school personnel study elementary schools.
- 1961 - (August) Superintendent of Public Instruction directed preparation of a comprehensive guide; DPI staff agreed to merge with Pennsylvania Elementary Principals' Committee charged with same responsibility.
- 1962 - First draft of guide published.
- 1962-63 - (September to April) Guide edited.
- 1964 - Modified guide published; sent to selected schools for pilot testing during 1964-66.
- 1966-71 - Approximately 300 schools participated in self-study processes.
- 1971 - Guide revision process begun.
- 1973 - Pilot testing begun.
- 1974 - Revision completed; final draft published.

GENERAL PROCEDURES

The following sequence of events is suggested to assist districts in initiating and conducting a self-study. No schedule is given because local conditions will affect the amount of time to be spent on each item; however, at least one full year should be spent on the study itself (numbers 1 to 12). Another year may be spent on follow-up activities and in establishing the study process as a part of the continuing evaluation plan in the district.

1. Designate a project director to coordinate activities.

The district must designate someone intimately involved in the day-to-day operations of the district's elementary schools, such as an elementary supervisor or a principal, to lead the self-study.

2. Motivate administrative and faculty interest and support for self-study.

This may be the most difficult task for the project director, but once it is accomplished the process can flow smoothly.

Self-study can be an extremely important activity in terms of educational improvement and teacher growth if it is carried out sincerely, capably, leisurely and purposefully. A self-study, therefore, cannot be successful unless the faculty and administration support it completely through a felt need to devise a more effective elementary school program.

Initially, the project director may wish to involve a small core of interested teachers, administrators and parents in orientation or workshop sessions which should be highly motivational. These participants could be the beginning of the steering committee, and their enthusiasm and knowledge of the process could spread to the other staff members. This group can discuss the possibilities of offering added incentives for teachers: released time or in-service or graduate credit.

3. Obtain school board approval of a proposed self-study plan.

The school board should approve a written general plan, allocate necessary funds, approve released time requests or other work or in-service plans, and give assurance that the resulting recommendations will receive serious consideration.

4. Inform the general public.

Parents should recognize the need for school study and should be willing to assist in the project's various phases, including committee assignments. A public information system should be maintained throughout the project.

5. Orient the faculty to the procedures of self-study and obtain members' suggestions for conducting it.

Feel free to call upon the Department of Education coordinator or intermediate unit personnel, who are available to assist the district in early orientation. These people could also aid the study later by recommending or securing consultants for any topics which the staff deems necessary.

All faculty members should have a clear idea of the procedures of the study and should express opinions and ask questions which will contribute to the smooth operation of the process. The Orientation should take as long as necessary to build a confidence in the process and its possible results.

6. Select a steering committee composed of teachers, supervisors, administrators, intermediate unit representatives, board members, parents/guardians, students (7th to 12th graders who are products of this elementary program) and other community members. This committee should represent the variety of viewpoints which exist in the community and on the school staff.

This committee is responsible for planning the final overall organization for the study including schedules, study committee assignments, compilation of the final report and the visit of an evaluation team. The first task of this committee, however, should be to publish the statements of philosophy, goals and general objectives of the school district as well as any specific objectives applicable to individual schools. These goals and objectives may already be determined and should reflect the district's long-range plans as well as the community's values. They should be based upon the Ten Goals of Quality Education adopted by the State Board of Education of the Commonwealth of Pennsylvania (See page 7).

7. Form the study committees.

Committees for each study area should include the staff members most directly affected as well as teachers from all levels in the school and, if possible, interested parents/guardians and other community members. Again, these committees should reflect the variety of viewpoints in the school community. Coordination with secondary schools may be improved through the inclusion of secondary teachers and students on many committees.

There are many different configurations possible for the organization of study committees and each district must decide which form will best serve its needs. Each school may divide into subject area committees, or representatives from each school may be on a district subject area committee. It is strongly recommended, however, that all grade levels be represented on each committee. Primary teachers can become involved in what is seemingly an intermediate area in order to present their views on the background which is, or could be, provided on that subject in the early grades. Likewise, intermediate level teachers should be represented on the early childhood committee in order to acquire a feel for the concepts of the early years and, if possible, to contribute the views of the intermediate level teachers on early childhood education as it is accomplished in the district. Each staff member may work on more than one committee.

Each committee should mark its section of the guide after the study is completed; marking the guide is the culmination of all the work described in Number 8. A district may then desire to compile the results of all the committees into one marked guide to determine districtwide priorities and recommendations. Reports can also be drawn from marked guides for individual schools or for single subject areas. Each district, again, must decide on the marking and report forms which will best meet its needs.

8. Begin committee work.

Each committee member should develop a sophistication in the assigned area(s) to determine the latest thinking on methods and content as developed by schools and colleges across the country. This can be accomplished through study of books and journal articles or through course work, visitations to

other schools and consultant assistance. Each committee member should become acquainted with the entire guide and be familiar with the project planned by the steering committee.

Securing a clear picture of the present curriculum and instruction patterns operating in the school is the next step. Committee members must study, review textbooks and guides currently in use and list in sequence all levels of concepts being taught. They must check inventories and actual use of equipment and supplies. These can then be compared to the guide items and to current national thought to determine discrepancies which can be diagnosed as possible school needs, depending upon the school's objectives. This is the most important activity connected with the study itself; this is the study. Marking the guide, after perhaps a year's work, is the culminating activity of all this committee labor. It is important to remember that in this self-study the function of education is the greatest concern and at no time should emphasis on form and structure overshadow efforts to find out what is happening to children.

9. Analyze the school or district using the guide.

Each committee member should work through the assigned section(s) of the guide individually, marking each item according to the system suggested in the directions on page 9.

As the member first looks at an item, it must be decided whether or not the item is acceptable within the framework of the local objectives as published by the steering committee. If it fits within the local objectives, then the member makes a judgment as to how well the district or school achieves this item.

While items are grouped according to topic for convenience, committee members will find some natural overlapping of items. The study of some sections, such as early childhood education, library media services, intergroup education and environmental education, necessitate the examination of guides and plans from most of the other areas. Carefully check the introduction to each section to determine the extent of the study suggested.

10. Gain committee and total faculty consensus.

When each study committee member has completed

individual study, the committee holds meetings to arrive at an overall consensus. Commendations and recommendations can be recorded and items in which discrepancies were found to exist can serve as a basis for the recommendations in the final report. Committee reports can then be submitted to the entire faculty for suggestions and changes before they are submitted to the steering committee.

11. Draw up the final report.

When the steering committee has received the study committee reports, it should compile the commendations and priority recommendations into a final report of the type decided upon at Step 7. This report should be based on the most useful recommendations as they relate to the district's goals, objectives and long-range plans.

This report should be as brief as possible and should clearly and concisely state the actions recommended for district improvement. It is often advisable to divide the report into recommendations which can be implemented immediately, those which are long-range or those which will require the expenditure of various amounts of money.

12. Submit the report to the study committee, the chief school administrator and the school board.

The project director should be responsible for duplicating the report and submitting it to the faculty, the chief school administrator and the school board. The project director and the steering committee should stand ready to answer all inquiries concerning the study.

13. Plan follow-up activities.

Evaluation of any kind is not an end in itself but must be followed by a planned program of improvement if it is to fulfill its purpose. After satisfying all parties that the report is accurate, the steering committee should draw up tentative plans for implementation of the appropriate recommendations. The plans must include schedules, priority recommendations, budgets, in-service course schedules and an evaluation component which can determine the effects of the suggested improvements.

After the steering committee begins to lead in the implementation of the plan, it should host a visiting team. (See the manual, "Guidelines for Visiting Teams" also published by the Pennsylvania Department of Education.) Upon receiving the visiting team's report, the steering committee should lead in drawing up a final plan for long-range improvements.

14. Send a copy of the final report to the Department of Education.

Districts interested in operating a self-study often ask for examples of what has been done so that they can build ideas on successful procedures. The department also maintains a list of people who can consult on study processes or subject areas and who have been visiting team members. This list is updated through the use of these reports. In the report to the department, suggestions for revision of the guide should be noted. In this manner the guide can be more readily updated and revised before each new printing.

GOALS AND OBJECTIVES

Ten Goals of Quality Education

- I. Quality education should help every child acquire the greatest possible understanding of himself/herself and an appreciation of his/her worthiness as a member of society.
- II. Quality education should help every child acquire understanding and appreciation of persons belonging to social, cultural and ethnic groups different from his/her own.
- III. Quality education should help every child acquire, to the fullest extent possible for him/her, mastery of the basic skills in the use of words and numbers.
- IV. Quality education should help every child acquire a positive attitude toward the learning process.
- V. Quality education should help every child acquire the habits and attitudes associated with responsible citizenship.
- VI. Quality education should help every child acquire good health habits and an understanding of the conditions necessary for the maintaining of physical and emotional well-being.
- VII. Quality education should give every child opportunity and encouragement to be creative in one or more fields of endeavor.
- VIII. Quality education should help every child to understand the opportunities open to him/her for preparing himself/herself for a productive life and should enable him/her to take full advantage of these opportunities.
- IX. Quality education should help every child to understand and appreciate as much as he/she can of human achievement in the natural sciences, the social sciences, the humanities and the arts.
- X. Quality education should help every child to prepare for a world of rapid change and unforeseeable demands in which continuing education throughout his/her adult life should be a normal expectation.

District Goals and Objectives

The steering committee is charged with the responsibility to publish the philosophy, goals and general objectives of the school district. These must be based upon the district's long-range plans and must be used as the bases for each study committee member's evaluation. If the district does not have a working philosophy or goal statements, the steering committee should base these statements on the Ten Goals of Quality Education adopted by the State Board of Education. The committee must carefully consider the goal statements in relationship to the needs of the community while keeping in mind the agreement of others--educators, social scientists--on the broad general objectives which set the direction of elementary education. It must then state some more specific objectives which, when fulfilled by the school, will have some impact on the realization of the goals.

STUDY AREAS

Directions for Study and Marking

Experience has shown that despite the precautions taken to conduct an objective self-study, the results are, in the final analysis, personal opinions. Judgments are greatly influenced by education, professional background and personality. While it may be possible to increase the objectivity of the process through the use of clearly stated criteria, standardized procedures and careful training, self-evaluation remains subjective. The format of this guide, however, provides for reporting pertinent information and also emphasizes the professional judgment of the faculty member through observations and recommendations. If these comments are lucid, direct and concise, it should be possible to use them as the basis for a sound plan of educational improvement. It should be constantly kept in mind that THE GOAL OF SELF-STUDY IS EDUCATIONAL IMPROVEMENT, NOT TEACHER RATING OR COMPARISON WITH OTHER SCHOOLS.

Suggestions for Study

Each person involved in the self-study should follow the activities set forth in Step 8 of the General Procedures for studying each assigned section. Before marking the guide, three major courses should be pursued: (1) a complete study of the current thinking and writing on a topic, on a nationwide basis, should be made; (2) a study of the current capabilities of the school or district should be made and (3) a comparison of the two studies should be made to determine the school's strengths and weaknesses in light of the experts' thinking and the school's objectives. This latter consideration is extremely important; the school's and district's objectives must always be considered the basis for evaluation.

Suggestions for Marking

The comprehensive study areas are divided into various categories, while the subject study areas are generally divided into three categories: content concepts, instruction and equipment and materials. The same marking system is used throughout the guide, though it is applied differently in some areas.

Possible markings have been placed in columns to the left of the items. Each item should be marked with a check (✓) or (x) in the column which appropriately indicates a faculty member's opinion.

Suggested criteria for the markings are:

- O - In the opinion of the committee member the behaviors or circumstances described by this item are achieved in an outstanding

manner in relation to the stated objectives of the school. O does not imply perfection but a consistently high level of effectiveness.

S - In the opinion of the committee member the behaviors or circumstances described by this item are achieved in a satisfactory manner in relation to the stated objectives of the school. S indicates an adequate level of effectiveness.

I - In the opinion of the committee member the behaviors or circumstances described by this item are achieved in an unsatisfactory manner in relation to the stated objectives of the school and are in need of improvement.

In addition to these qualitative markings, columns headed Y and N are included so that those items which do not seem to lend themselves to qualitative marks can be checked "Yes" or "No." These columns should be used sparingly; sincere attempts should be made to evaluate as many items qualitatively as is possible. They can be used, however, when an item is missing from a school's curriculum or when an item is not applicable to the school's situation; in such instances the "No" column should be checked and then the "Comments" column should be used to record the member's justifications for inclusion in or continued exclusion from the curriculum. They can also be used for very obvious "yes" and "no" items and for equipment and other lists if desired. Again, the qualitative marks should be used as a rule.

Suggestions for Using the Comprehensive Areas

The study of many of these areas must include the examination of plans and guides from subject and other comprehensive areas.

It is recommended that the Staff sections be completed at or near the close of the study to provide compilers and the visiting team with the latest possible data.

Suggestions for Using the Subject Areas

The items in the "Concepts" category have been stated as concepts to be developed by the time a child completes elementary school. No grade placement is mentioned. Instead, the concept statements express important ideas which are the results of elementary education. These concepts are arbitrarily selected, as are all goals, standards and objectives. They are, however, based upon the best acceptable practice and research available to the authors.

The progression of a pupil from one level to another is facilitated by carefully planned curriculum continuums, K-12. While this guide cannot contain a continuum in any subject, the idea of it is an important foundation for the guide. Because of the terminal conceptual statements, primary or early intermediate level teachers may feel that they are unable to work with the guide. By applying the continuum concept, however, these teachers can use the guide effectively. For example, if an item is worded to indicate a high level concept, a series of antecedent lower level is implied. It is the responsibility of study committee members to know the lower objectives that are necessary to reach the stated concept. Therefore, it is the responsibility of committee members to carefully study the subject area.

Then, committee members should carefully examine courses of study, unit outlines, lesson plans and textbook manuals and list the school's series of content objectives and concepts to determine if pupils can reach each concept in the guide by following the education continuum of that school. Compare the listing with the guide by using the marking system described. Conclusions and markings are the opinions of the committee members and should be supported by carefully worded comments in the "Comments" column. Concepts not in the guide but included in the school's objectives should be noted in the space provided at the end of each category. A summary of commendations and recommendations should then be made at the end of each subject area section. This should be as objective as possible--perhaps after having set the guide aside for a few days.

The items listed in the "Instructor" category are in behavioral terms and, therefore, should be observable to a committee member. They should be marked according to the system described. As with the concepts category, specific and comprehensive comments should substantiate the marks. A summary of commendations and priority recommendations concerning the techniques of instruction should then be added to the Summary Sheet.

A series of classroom visits by the committee member is necessary for the completion of this section. Carefully study the items listed; know what to look for in advance of classroom visits. Visit each classroom several times if possible. Visit teachers at least once when they have no pupils. Talk with each teacher about the class and teaching techniques. Notice the appearance of the room. Visit several more times and observe actual instruction. Study the effect the teacher has on pupils. Are the techniques psychologically sound? Is the teacher developing pupil behaviors that are listed as objectives in the content category? Are materials, techniques and activities free of sex and racial stereotyping? Be careful not to study only in terms of favorite techniques, but be certain to make note of any methods or techniques which you consider innovative, creative or particularly effective. Add any of these to the listing in the guide.

The "Equipment and Materials" category lists equipment and materials which are considered to be valuable aids to teaching partic-

ular programs. The equipment and materials are generally well known to elementary teachers. In this category, these questions should be asked and answers found:

1. Are the equipment and materials sufficient in quantity and quality to support the kind of program outlined in the content and the instruction categories of the school program?
2. Are equipment and materials maintained in such a way as to insure their effective and safe use by children and teachers?
3. Are teachers proficient in the use of the listed equipment and materials? Do they regularly use them in their classes?

The study of this category should be made using the marking system described, or the "Yes - No" columns can be used as a checklist of availability. The qualitative markings will be used, however, if answers to the above questions are seriously sought. As with the other categories, specific comments should be noted to substantiate the markings; and commendations and priority recommendations should be added to the Summary Sheet.

ADMINISTRATION AND ORGANIZATION

The first responsibility of elementary education in the Commonwealth is to the children, youth and adults who need and seek the resources of the school system. The local board of education, the state Department of Education, the Legislature and the intermediate units share the responsibility of developing and maintaining standards essential in meeting the needs of all its citizens by providing the educational leadership directed toward the achievement of the ten goals of quality education.

The principal should be delegated full responsibility for the effective operation of the elementary school and recognized as the administrative and supervisory head of the school. The duties of administration include leadership in the improvement of instruction, in the management and maintenance of plant and equipment and in helping the community and the staff develop a total educational program designed to serve the school community. A primary leadership function of the principal is to serve as a resource person and coordinator to supervisors and instructional specialists engaged in the improvement of instruction.

The principal is the responsible agent for the proper functioning of the school. The principal's leadership is evident in comprehensive planning, coordinating and evaluating all areas of the curriculum. The principal's competence as the educational leader is revealed in the ability to help teachers in the continual task of guidance and motivation of learners.

It is suggested that the school staff use this section for each of their building principals. If a composite is desired, the steering committee can compile the information from the separate copies of this section.

O | S | I | Y | N

Administration

Comments

1. The school has a principal appointed by the board of education upon nomination of the superintendent. The principal:
 - a. is certificated.
 - b. has successful elementary classroom experience.
 - c. demonstrates respect and affection for all children.
 - d. is delegated authority and recognition as the educational head of the school.
 - e. has a competent secretary.
 - f. has thorough knowledge and awareness of educational needs of the school and community.

- aa. attempts to provide for adequate furnishings and utilities.
- bb. arranges for the maintenance and repairs of utilities.
- cc. evaluates programs, personnel and services periodically.
- dd. promotes an active community and school association devoted to educational discussion.
- ee. maintains contact with all school-related activities.
- ff. advises and cooperates with the central administrative staff in developing and making decisions pertaining to school policy.
- gg. submits written reports on school activities and achievements.
- hh. spends most of the time in supervision of teachers and staff.
- ii. achieves goals by directing the activities of others. That is, he/she is able to delegate authority.
- jj. initiates or promotes innovative practices.
- kk. sets personal objectives defining what is to be accomplished and in what period of time it is articulated to all persons involved.
- ll. sets positive tone where constructive behaviors are rewarded and where there is satisfaction in achieving purposes.
- mm. provides staff opportunities for fresh, novel and stimulating experiences.

Organization

1. Philosophy, policy and curriculum

- a. A written statement of philosophy and purposes is readily available.
- b. The statement of philosophy and purposes is reviewed annually and revised to meet the changing needs of the school.
- c. The school provides for the education of all children, i.e., through makeup and enrichment classes, homebound instruction, etc.
- d. The instructional program includes all courses and subject matter areas mandated by the Legislature, the State Board of Education and the local board of school directors.

O | S | I | Y | N

Organization

Comments

- e. Each curriculum area is correlated and integrated with other curriculum areas through planned activities and processes reflected in locally written guides.
- f. The local curriculum guides in each subject matter area are reviewed and/or revised at least every five years.
- g. School-related activities complement and supplement the instructional program of the school.
- h. Grouping for instructional purposes provides for maximum interaction of:
 - (1) races
 - (2) sexes
 - (3) socioeconomic levels
 - (4) individual potentials
- i. Written policies exist on complaint procedures for the following:
 - (1) parent/guardian
 - (2) community member
 - (3) student
 - (4) staff
- j. Policies and procedures are established to insure consistent and fair application of discipline procedures.
- k.

l.

2. Personnel

- a. All positions are based on written job descriptions which are reviewed and revised as need dictates.
- b. Teachers and administrators demonstrate a respect for the abilities of all persons, regardless of race, sex, religion or national origin.
- c. Provision is made for clearly defined and well structured in-service education for
 - (1) teachers
 - (2) administrators
 - (3) paraprofessionals
 - (4) nonprofessional staff

- d. Each professional and nonprofessional staff member is actively involved in planning and participating in appropriate in-service education programs.
- e. Provisions are made to improve teacher-learning, such as utilization of current research findings, teacher seminars and workshops.
- f. Provisions are made for professional staff to visit other school situations at least once a year for a variety of educational purposes related to the needs of the school.
- g. The principalship is examined and evaluated periodically.
- h. Available systemwide administrative and instructional supporting services are used by the school, i.e., pupil personnel services, instructional materials services.
- i. The total school staff includes a sufficient number of the following qualified personnel to meet the educational needs of the students:
 - (1) administrators
 - (2) classroom teachers
 - (3) special area teachers
 - (4) library/media specialists
 - (5) supporting services staff
 - (6) secretarial and clerical staff
 - (7) cafeteria staff
 - (8) custodial staff

Recommendations of concerned specific organizations such as the American Library Association, National Association of Elementary School Principals, Pennsylvania State Education Association, American Association of School Administrators, Conference on Black Basic Education, National Association for Administrative Women in Education, etc., should be considered.
- j. Opportunities for leadership roles are afforded to racial and ethnic minority personnel and to women.
- k. The administrator empathizes and respects staff members as individual persons.

O | S | I | Y | N

Organization

Comments

3. Food services

- a. A nutritionally adequate lunch which meets federal school lunch standards is available to all pupils, regardless of ability to pay.
- b. A sanitary kitchen is maintained, including:
 - (1) screened windows
 - (2) sterilized dishes
 - (3) closed storage for dishes
 - (4) refrigerator and freezer space
 - (5) shelves, counters and floors which are disinfected daily.
- c. The schedule provides a minimum of 30 minutes for lunch for teachers and pupils.
- d. Children's lunch periods are adequately supervised.
- e. School food services funds are managed-- and records are maintained--in accordance with regulations of the local board of education and federal standards.
- f. Describe any other food program, such as breakfast, snacks, etc.
- g.
- h.

4. Maintenance (see School Plant)

5. Transportation services

- a. The school's transportation services are operated in compliance with the Pennsylvania School Code and regulations adopted by the State Board of Education, and with local board policies.
- b. Provision is made to supervise school bus transportation services.
- c.
- d.

O S I Y N

Organization

Comments

6. School and district data

Information required in this section can be found in existing school records or through special studies.

a. Schedule

		Teachers	Pupils
1.	Number of days in regular school year		
2.	Number of hours in school day (excluding lunch and recess)		
	Total hours in school year* (Line 1 x Line 2)		

* Please explain any programs in which teachers and pupils are attending school under experimental time conditions, i.e., half-day or split sessions, extended school year programs, etc.

b. General data

Current enrollment data

Indicate enrollment as of third day of school year by grade. If school is nongraded or organized under another administrative patterns, complete only the appropriate Totals section.

	(1) Enrollment	(2) No. of Teachers	Col. 1: Col. 2 Av. Class Size
Pre-K: 2-, 3- and 4-year olds			
K			
K Total			
Junior First (Transition)			
1			
2			
3			
4 *			
Primary Total			
4 *			
5			
6			
7			
8			
Intermediate or Middle Total			
Exceptional			
Grand Totals			

*Include statistics for grade 4 where appropriate.

c. Administrative; Supervisory and Other Personnel Serving Elementary Schools

Title	Certi- ficated (#)	Non Certi- ficated (#)	Federally Funded (#)	Instruc- tional (#)	Non Instruc- tional (#)	Full Time (#)	Part Time (#)	% if Part Time	% of Pupils Served	Male (#)	Female (#)
Superintendent											
Assistant, Associate Superintendents											
Principal											
Supportive Staff for Administration ¹											
Guidance Personnel											
Home & School Visitor											
Social Worker											
Psychologist											
School Nurse											
Dental Hygienist											
Nutritionist											
Other Pupil Service Personnel ²											
Instructional Media Specialist											
Librarian											
Library Clerks											
Aides											
Art Supervisor											
Music Supervisor											
Physical Education Supervisor											
Reading Supervisor											
Other Supervisors (Specify)											

1. - Secretaries, clerks, etc. in elementary offices only.
2. - Indicate specific titles, etc. under "certificated."

*Does not include regular classroom or special area teachers. (See Staff Section)

ALTERNATIVE PATTERNS FOR LEARNING

Many schools have special programs or organizational structures which are experimental or unique and which, in their design, are peculiar to the school or district. Their details may not be adequately evaluated by other sections in the guide, but since these programs may have a profound effect on the school's educational environment, they should be considered important elements in the self-study process. The difficulty of evaluating the effects of some of these programs is obvious, but there are some questions which, when answered objectively, may help to present an accurate picture of the program's success.

The list below presents examples of the types of programs which can be evaluated by this criteria. It is not an exhaustive list, of course, because special programs abound in almost every school and district. Any special approaches or alternative patterns for learning, however, should be evaluated by answering the following questions in narrative style on separate sheets of paper.

Title of the program:

1. What conditions or problems prompted adoption of this program?
2. How was the program researched, planned and developed?
3. What were the objectives of the program?
4. To what extent have the objectives of the program been achieved? On what is your opinion based?
5. What aspects of the program are commendable? What aspects are unsatisfactory and what recommendations can be made to improve the program?

Examples:

Open education
Nongraded classes
Continuous progress program
Team teaching
Year-round school program
Multi-age grouping
Individualized instruction
Learning stations and/or centers
Computer-assisted instruction
TV instruction
Summer programs
Programmed learning

Teacher exchanges
Consumer education
Career education
Developmental guidance
Minority studies
Women's studies

This is also an excellent opportunity to examine the relationship of the study to two other major activities of the school district--long range planning and educational quality assessment. If the district has participated in the educational quality assessment program, what efforts have been or will be made to determine interrelationships between those test results and the results of this study? What effects will the commendations and recommendations of this study have on the long-range plans of the district?

EARLY CHILDHOOD EDUCATION

The early childhood education concerns in this guide consider elements of prekindergarten (day care, 4-year-old kindergarten) and kindergarten programs designed for 3- to 5-year-old children as well as for children in the primary grades. The needs of these children do not differ with age; rather, the major difference is one of depth and breadth in development, knowledge and skills. Prekindergarten and kindergarten programs should provide physical, social and intellectual experiences appropriate to the developmental levels of each child and consistent with the kindergarten standards of the Pennsylvania Department of Education. (The early childhood study committee should be cognizant of the continuity of basic concepts being developed in grades beyond the kindergarten.)

O | S | I | Y | N

Special Concerns

Comments

The following special concerns are evident in the operation of early childhood programs:

1. There is a positive relationship among administrators, teachers, parents, pupil personnel services and curriculum personnel, who facilitate a constant flow of information for program improvement.
2. The teacher is certificated to teach children of this age level.
3. The teacher is well trained in the principles of child growth and development.
4. The teacher is skilled in working with individual children or large or small groups.
5. The teacher has the intelligence, understanding, warmth, sincerity, flexibility and patience to work with children.
6. The teacher thinks in terms of guiding development rather than in terms of training.
7. The teacher is interested in the physical, social and intellectual well-being of each child.
8. The teacher employs a positive approach, recognizing that small successes encourage greater ones.

O S I Y N

Special Concerns

Comments

9. The aides or paraprofessionals understand the patterns of growth and development of children at these levels of maturity.
10. The aides or paraprofessionals are regularly involved in planning with the teacher.
11. The aides or paraprofessionals assist in teaching-learning situations.
12. An early childhood handbook, outline or other orientation material is available to parents.
13. The teacher makes parents aware of children's needs and the methods for satisfying them.
14. Information related to the children's preschool development and health history is available to help assess a child's readiness for kindergarten.
15. Parents are encouraged to continue to strengthen learning patterns initiated in the school.
16. Parents participate in teacher-planned activities whenever possible.
17. Time schedules are flexible in order to accommodate varying individual and group needs.
18. Good health rules and habits are established and maintained.
19. Remedial health services are provided.

Other special concerns:

20.

21.

O	S	I	Y	N	Content	Comments
					7. Good basic health habits are encouraged and strengthened in order to build good lifetime health habits.	
					8. Satisfying personal and social experiences are provided which lead to a wholesome self-image and a respect for the rights of others.	
					9. Encouragement of self-confidence, curiosity, spontaneity and self-discipline strengthens children's emotional development.	
					10. Gross and fine motor skills are developed through indoor and outdoor physical education experiences.	
					11. Both quiet and rest periods meet the change of pace needs for young children.	
					12. Opportunities for children to work and play individually with another child or as members of a group provide necessarily varying social development experiences.	
					13. Opportunities for problem-solving experiences, exploring, experimentation and utilization of practical experiences encourages intellectual development.	
					14. A variety of opportunities to express personal feelings during work and play promote personal and social development.	
					15. Parent involvement in planning and implementing activities enriches the program.	
					Additional local content concepts	
					16.	

7. Good basic health habits are encouraged and strengthened in order to build good lifetime health habits.
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15. Parent involvement in planning and implementing activities enriches the program.

Additional local content concepts

16.

O S I Y N

Additional local content concepts

Comments

17.

18.

19.

20.

Instruction

An analysis of actual classroom practices indicates that the following techniques are among those being used in the early childhood program:

1. Children are permitted freedom to function at the level of performance best suited to each.
2. Children are guided toward freedom of decision yet learn that it is sometimes necessary to follow explicit directions.
3. Children enjoy a positive emotional climate which has been established in the classroom by the teacher.
4. Children experience an atmosphere of "disciplined freedom."
5. Children recognize acceptable and unacceptable behavior and are encouraged to discuss their choices and decisions with the teacher.
6. Children participate in spontaneous or planned dramatic play situations which express emotional impulses not otherwise perceptible.

O | S | I | Y | N

Equipment and materials

Comments

5. Lavatory facilities are sized for small children.
6. The sink and water fountain are at levels for children of this age.
7. Furniture is suitable to the needs of teacher and aides.
 - a. Tables and chairs vary in size to accommodate all children.
 - b. There are large tables for work and display.
 - c. The tables for finger painting and clay activities are near the sink and related materials.
8. There is adequate storage space for:
 - ☐ a. children's clothing
 - ☐ b. children's personal belongings
 - ☐ c. projects
9. Parents and community members are encouraged to become involved in the program through classroom involvement.
10. Cabinets or storage shelves are easily movable.
11. The room is subdivided at various times for:
 - ☐ a. library learning area
 - ☐ b. block building
 - ☐ c. homemaking activities
 - ☐ d. science activities
 - ☐ e. music participation
 - ☐ f. art activities
 - ☐ g. mathematics activities
 - ☐ h. gross motor skills learning and development
 - ☐ i. fine motor skills learning and development
 - ☐ j. industrial arts activities
 - ☐ k. sand or water table activities
 - ☐ l. snack time participation
 - ☐ m. rest periods
 - ☐ n. other activities
16. There are eye-level display areas and chalkboard.

17. There is equipment for heating materials.
18. There is a piano (movable, if possible) with seat.
19. There is access to refrigeration.
20. There is a paper cutter for teacher's use.
21. There are materials and equipment which assist physical growth, both indoors and outdoors and which motivate climbing, balancing, pushing, pulling, lifting and carrying.
22. Large toys such as the following are available in sufficient quantity:
- ☐ a. rocking boat
 - ☐ b. indoor seesaw
 - ☐ c. climbing gym
 - ☐ d. wagon(s)
 - ☐ e. tricycle
 - ☐ f. sliding board
 - ☐ g. large building blocks
 - ☐ h. other riding toys
 - ☐ i. balance beam
 - ☐ j. other
23. Small toys, such as the following, are available:
- ☐ a. dolls (unbreakable)
 - ☐ b. doll carriage and bedding
 - ☐ c. ironing board
 - ☐ d. toy phones
 - ☐ e. cooking utensils
 - ☐ f. dishes and settings
 - ☐ g. cleaning equipment
 - ☐ h. wooden toys--trucks, buses, airplanes, fire engines, cars, boats, trains, etc.
 - ☐ i. construction toys--lincoln logs, tinkertoy, constructo, etc.
 - ☐ j. puzzles of varying complexity
 - ☐ k. balls of various sizes to 10 inches
 - ☐ l. jump rope
 - ☐ m. rubber or plastic animals
 - ☐ n. garden tools

- ☐ o. mechanical toys
- ☐ p. toys with mechanized parts
- ☐ q. peg boards and pegs
- ☐ r. shoe string lacers and beads
- ☐ s. others

24. The following science equipment is available:

- ☐ a. aquarium
- ☐ b. terrarium
- ☐ c. cages for small animals
- ☐ d. specimen jars
- ☐ e. magnifying glass
- ☐ f. prisms
- ☐ g. magnets and magnetized items
- ☐ h. others

25. The following teacher's materials are available:

- ☐ a. 10-inch shears
- ☐ b. stapler and staples
- ☐ c. masking and scotch tape
- ☐ d. straight and safety pins
- ☐ e. yard stick and foot rulers
- ☐ f. paper cutter
- ☐ g. sufficient boxes of cleansing tissue
- ☐ h. colored pencils and felt pens
- ☐ i. paper clips and fasteners
- ☐ j. pencils and rubber erasers
- ☐ k. blackboard chalk and erasers (if needed)
- ☐ l. additional items
- ☐ m. box of scrap items
- ☐ n. standard equipment--flag, waste-baskets, etc.

EARLY CHILDHOOD EDUCATION: SUMMARY

1. Describe the aspects of the early childhood education program which are commendable.

2. Describe the aspects of the early childhood education program which are unsatisfactory. Make specific recommendations in priority order for the improvement of this program.

EDUCATION FOR EXCEPTIONAL CHILDREN

All individuals have the right to receive an education in accordance with their needs, interests and abilities. The education of exceptional children is one of the vital responsibilities of Pennsylvania schools. In Pennsylvania, exceptional children are defined as "children who deviate from the average in physical, mental, emotional or social characteristics to such an extent that they require special educational facilities or services and shall include all children in detention homes." (Section 1371, School Laws of Pennsylvania, 1949, as amended.) Programs and services in special education are classified under three broad categories: programs for mentally handicapped children, programs for physically handicapped children and programs for mentally gifted children. Some general areas of concern apply to the operation of all special education programs and some specific concerns apply to specific types of programs within the broad categories designated.

Where a district operates its own special education programs and services, the staff of the school or schools in which these are conducted should take the lead in the self-evaluation; all schools, however, should be represented on the special education study committee. In the case of districts whose children participate in programs and services operated by the intermediate unit, the study committee should consult with intermediate unit special education personnel on the plans for the elementary special education program and on evaluating at least the General Concerns. It is desirable for the study committee members to visit special education programs and services and particularly to confer with the teachers.

O | S | I | Y | N

General concerns

Comments

1. The special education program provides instruction commensurate with the comprehensive needs, interests and abilities of exceptional children. Consider the following items in establishing a rating:
 - a. The district and the intermediate unit have a comprehensive, written, continuously updated plan for the education of all school-age (5 or 6 to 21 years old) exceptional children.
 - b. The philosophy and goals of the plan are based on the provision for
 - (1) opportunities for group and individual instruction which will assist each child to meet specific needs.
 - (2) as much integration in the regular school program as the nature of his/her exceptionality warrants as well as possible eventual return to the regular classroom.

- (3) acceptance as equal members of the student body, i.e., the children participate in regular lunch periods, fire drills and recesses.
- c. Class size is designated to conform to the specific area of exceptionality as established by the Special Education Standards as published by the Pennsylvania Department of Education.
- d. The responsible agency (district or intermediate unit) assigns individual children to a special education class only after
 - (1) it has been determined by a multidisciplinary team that the child can no longer benefit from the regular classroom environment.
 - (2) the parents/guardians have been given the opportunity for a due process hearing concerning the assignments.
 - (3) other procedures of the "Right to Education" decision have been followed.
- e. Children and services are reevaluated by the team periodically, but at no greater intervals than yearly, to determine the continued applicability of each service to each child.
- f. Curriculum guides and courses of study in each subject area provide subject matter suitable to, or can be adapted to, the various areas of exceptionality.
- g. Teachers and supervisors in the special education program hold proper certification for their assignments.
- h. Teacher aides are used where necessary.
- 2. Itinerant services are provided those children whose exceptionality requires special educational arrangements.
- 3. Itinerant teachers are provided suitable space for working with children individually and in small groups.

O | S | I | Y | N

General concerns

Comments

4. Itinerant services provide a sufficient number of hours of instructional time to assure measurable benefits to each pupil enrolled.
5. Special education buildings, classrooms, furniture, instructional materials, equipment and supplies conform to regular classroom specifications with such modifications as necessary for each area of exceptionality.
6. All district teachers are informed of the special education program through in-service programs, bulletins, special reports, etc.
7. Parents/guardians and the general community are informed of the special education programs through the regular public relations network of the school district and intermediate unit.
8. Provision is made to integrate children in special classes into the regular school program whenever and wherever possible.

Specific concerns

Mentally Handicapped Children

Educable Mentally Retarded Children

1. The program of instruction, which includes reading, mathematics, social studies, science, communications and career orientation, prepares the child to participate actively in the activities of home, school and community.
2. The child's mental, emotional and physical development are the bases for the instructional methods, materials and content used.

Trainable Mentally Retarded Children

1. The program of instruction includes health, social experiences, readiness activities, visual and auditory discrimination, speech and language development, use of common objects, motor skills and quantitative concepts.

O | S | I | Y | N

Specific concerns

Comments

2. The program is aimed at developing each child's potential to function at a self-care level in the adult world.

Socially and Emotionally Disturbed Children

1. The primary focus of this program is on the education of each child where a special educational environment will fill the child's needs for a short time rather than on long-term treatment or institutionalization.
2. The child is maintained in this program so long as needs are being met and emotional status indicates inability to return to the regular classroom.
3. Instruction utilizes positive reinforcement techniques.
4. The environment is designed to reduce extraneous stimuli and increase the stimulus value of teaching materials.

Physically Handicapped Children

Crippled

1. Crippled children are placed in the regular school program unless they are severely disabled or unless the special program offers them unusual advantages.
2. Classrooms and equipment are designed or adapted to the specific needs of each crippled child, i.e., wheelchair arm desks, U-shaped tables, etc., as necessary.

Brain-injured (Learning Disabled) Children

1. Children are grouped according to their basic skill deficiencies and needs rather than by mental age or IQ.

O	S	I	Y	N

Specific concerns

Comments

2. Pupils are given every possible opportunity to participate in activities with nonhandicapped children.
3. When a child is maintained in the regular classroom, supportive services are provided.
4. Each child has an individual program designed to strengthen the ability to master the regular curriculum; as the child nears return to the regular classroom, the individual program increasingly approaches that of the regular classroom.
5. Classes are located in regular schools but away from distracting noises such as street traffic, gyms, playgrounds, shops, etc.
6. There are provisions such as movable partitions or carrels for reducing classroom distractions, if necessary, until children can tolerate group instruction.

Hearing Impaired Children

1. The curriculum for the hard of hearing emphasizes language instruction, auditory and perceptual training, lip-reading and speech instruction.
2. The curriculum for the deaf emphasizes total communication skills including language instruction, lip-reading, signing and speech training.
3. Instruction for the hearing handicapped is based upon the child's individual hearing acuity and residual hearing.
4. Equipment includes single and group hearing aids, other types of sound projection equipment, captioned films and mirrors.

O | S | I | Y | N

Specific concerns

Comments

Speech and Language Impaired Children

1. The speech therapist and the child's teacher meet frequently to discuss instructional strategies for each child.
2. Instruction is geared to elicit many verbal responses from the speech handicapped child.
3. The speech therapy room is equipped with tape recorders, mirrors, etc.

Visually Handicapped Children

1. Curriculum for partially seeing pupils emphasizes sight utilization training, auditory training and listening skills development, basic orientation and mobility techniques and typewriting.
2. Curriculum for blind pupils emphasizes instruction in braille for reading and writing, tactile discrimination, auditory training and listening skills, basic orientation and mobility techniques and typewriting.
3. Equipment includes provisions for good illumination, individual lighting arrangements, glare-free surfaces, ample electrical outlets, braille and large-print texts, tape recordings, talking books, magnification devices and ample storage space.

Homebound Instruction

1. Homebound instruction is provided all children of school age who cannot attend school because of physical or mental impairment.
2. Instruction is closely coordinated with school programs via the use of certified personnel, school materials and frequent communication between the instructor and the school staff.

O | S | I | Y | N

Specific concerns

Comments

Mentally Gifted Children

1. Special education classes for the gifted include independent study, tutoring, instruction in small groups, seminars or group counseling sessions, itinerant teacher programs and/or advanced courses.
2. Instructional materials include necessary supplementary books, pamphlets and periodicals, selected special programs (such as The Great Books Program), sophisticated teaching devices (such as computers, calculators and TV equipment), extraordinary filmstrips, tapes, recording and consumable laboratory equipment beyond normal requirements.
3. There are written procedures for identification and selection of pupils and adequate specific psychological services to support them.
4. The written program includes goals that are definable, reasonable and measurable; curriculum including adaptation of teaching methods and activities that are distinct and different from basic education; procedures for evaluation; scheduling and other pertinent data which will define the program and the utilization of this program in the total educational process.
5. Special teaching staff for the gifted are permanently certificated in their field of instruction.
6. There are provisions for identification and instruction of talented children who may not be mentally gifted.

EXCEPTIONAL CHILDREN: SUMMARY

1. Describe the commendable aspects of the program for exceptional children.
2. Describe the unsatisfactory aspects of the program for exceptional children. Make specific recommendations in priority order for the improvement of this program.

LIBRARY/MEDIA SERVICES

The instructional program of the school is supported by a school library media center which is a vital, adaptable, constantly growing part of the school. To become educationally effective and significant it must be planned, developed and operated as an integral component of the overall educational philosophy of the school with full administrative support. It serves as a center for instructional materials (book, nonbook and related equipment) selected and organized by the staff and made readily accessible to aid faculty and students to achieve the objectives of the school. The constant aim of today's library media program is to stimulate each student to realize the optimum potential as a learner, as a citizen and as a human being. The library media center fulfills this purpose by providing resources for teaching and learning, supporting the curriculum and providing functional facilities and materials for students and staff.*

O	S	I	Y	N	Philosophy	Comments
					1. There is a written philosophy of education in the school district.	
					2. The philosophy of the school district defines and supports the library media concepts.	
					3. The written philosophy of the library media center supports the district philosophy.	
					<u>Evidence of Administrative Commitment</u>	
					1. There is a planned continuous in-service program for staff growth in the use of media.	
					2. Library media personnel are included in planning and implementing the curriculum.	
					* 3. There is a library media budget which meets state standards for materials and proper staffing.	
					4. The school organization allows the free flow of students to the center throughout the school day.	
					5. There is regularly scheduled planning and preparation time for the library media specialist (hereafter referred to as "the specialist").	

* This evaluation should be used in conjunction with A Guide for School Librarians published by the Division of School Libraries, Pennsylvania Department of Education.

O	S	I	Y	N	<u>Evidence of Administrative Commitment</u>	<u>Comments</u>
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6. The specialist serves as a consultant in planning new library media centers and/or renovations of existing facilities.
7. Pupils' services take precedence in the use of the library media center.
8. Specialists attend professional conferences at national and local levels to explore new services to meet the needs of students and faculty.

Staff

1. Each library media center is staffed with a full-time certified professional for every 350 students.
2. If two or more professional specialists are employed in the same school, one is designated head with the responsibility for making final library media center decisions.
3. A qualified library media coordinator or supervisor with designated duties is employed when there are two or more centers in the district.
4. At least one full-time adult clerk typist/library aide is employed to assist the specialist.
5. At least one additional trained professional or paraprofessional adult is employed to procure and maintain audio-visual equipment.
6. Adult volunteer help, when used, is thoroughly trained and carefully supervised.

Services and Activities

1. The library/media professional staff supports the teaching program in the classroom and in the library media center for every student in the school program.

O | S | I | Y | N

Services and activities

Comments

2. The professional staff is conversant with all aspects of the educational program such as courses of study, textbooks, manuals, workbooks, resource units, teacher-made study guides and plans, pilot projects and culminating activities.
3. The professional staff is aware of individual student needs, interests, goals, abilities and progress rates.
4. The professional staff keeps abreast of current educational trends, methods, materials and research.
5. The professional staff is actively involved in curriculum planning, revision and implementation.
6. The professional staff participates in team and faculty meetings.
7. The professional staff provides relevant materials for the professional growth of the faculty.
8. The staff establishes routines and procedures for selecting, ordering, processing, organizing, circulating and evaluating materials.
9. The staff maintains good cooperative relations with both academic and community libraries through conferences, visits and reports.
10. The staff correlates the building library media center program with the district library media center program.
11. The staff trains, schedules and supervises clerical, technical and student aides.
12. The staff prepares and administers the library media center materials budget.
13. The staff evaluates the building library media center program, services and materials in terms of adequacy in meeting curricular needs, state recommendations and national standards.

O	S	I	Y	N	Services and activities	Comments
					14. The staff works closely with school staff and students to promote the effective use of the library media center and its facilities.	
					15. The staff engages in purposeful instruction of students as individuals or in small groups in library and research skills (including the operation of necessary hardware) evolving from the needs of the instructional program as noted in the content areas section.	
					16. The staff provides service, guidance and resources which will individualize and personalize teaching and learning.	
					17. The staff participates actively in professional associations on the local, regional, state and national level.	
					18. The staff maintains a procedure manual which is user-oriented rather than institution-oriented.	
					19. The staff supervises clerical routines necessary for the effective use of the library media center.	
					20. The staff displays creative work of students (and others) in conjunction with ongoing educational programs.	
					21. The staff prepares collections and exhibits of materials for short or long term classroom loan.	
					22. The staff encourages student help to provide learning opportunities in numerous facets of the center's services.	
					<u>Budget</u>	
					1. The budget is planned cooperatively by the administrators and library media center staff on the basis of need priority.	

2. Funds allotted for book and nonbook materials meet or surpass state recommendations.
3. Library media center materials may be purchased as needed at any time throughout the school year.
4. There is a separate allotment for professional materials for school staff.
5. Instructional materials are ordered through the library media center.
6. A specific allotment is made to purchase supplies, to repair and replace equipment and to rent films.

Materials

1. The materials collection meets or surpasses state recommendations.
2. Library media center acquisitions are made on the basis of prepurchase examination.
3. Faculty and students are involved in selection and evaluation of educational media.
4. The materials collection includes a wide variety of media: book, nonbook and periodicals.
5. The materials collection is well chosen as to reading level, curriculum relevance and reader interest.
6. The materials collection is kept current and/or relevant.
7. The materials collection is maintained in usable, retrievable condition.
8. All book and nonbook materials are cataloged and processed for easy accessibility to media center users.
9. The listening/viewing equipment is appropriate to the media collection.

O | S | I | Y | N

Materials

Comments

10. Provision is made for the acquisition and circulation of a wide variety of professional materials, including periodicals, for the staff.
11. The collection includes materials which show members of all races and of both sexes in favorable, nonstereotypical roles.
12. The Pennsylvania Department of Education's Division of School Libraries is consulted and use is made of the division's services and resources.

Facility

1. The library media center is in a central location convenient to students and teachers with accessible lavatories, drinking fountains and with easy access to independent outside exit.
2. The library media center meets state recommendations for space, lighting, ventilation and acoustics.
3. The library media suite is functionally adaptable to meet the needs simultaneously of large or small groups, individuals or full classes.
4. The library media center is carpeted.
5. The facility has a librarian's/media specialist's office/workroom with glass vision panels for supervision; supervision of entire facility is a priority.
6. Work areas, including a sink, for technical processing, previewing, preparation and repairing of materials are available in the library media center.
7. There is sufficient room in the facility for storytelling activity concurrent with classroom research and individual use of the center.

O | S | I | Y | N

Facility

Comments

8. A special room convenient to the library media center is used to house the professional collection for the faculty.
9. There is provision for creative displays and/or exhibits.
10. There are numerous electrical outlets in suitable locations for convenient and safe use of audio-visual equipment.
11. The furniture is suitable to the student population and the educational program.
12. A full service telephone is provided in the library media center.
13. There is provision for future expansion.
14. There is provision for the receipt of radio programs and ITV/ETV whether through a broadcasting council or a regional 2500MHz system.
15. Preparation has been made for the use of cable television.

Policies

1. A broad-approved written materials selection policy for the district is in effect.
2. A manual of policies and procedures for the operation of the library media center is available which includes a detailed description of procedures concerning the acquisition, processing, circulation and maintenance of media and equipment.
3. Long-range plans for the improvement of the quality of the collection and of the facility and services have been developed.

O: S I Y N

Policies

Comments

4. Administrators, teachers and students assist the library media center staff in formulating policies.
5. Policies are evaluated annually.

LIBRARY/MEDIA SERVICES: SUMMARY

1. Describe the aspects of the library/media services program which are commendable.

2. Describe the aspects of the library/media services program which are unsatisfactory. Make specific recommendations in priority order for the improvement of this program.

PUPIL PERSONNEL SERVICES

The elementary school must have a program of pupil personnel services serving the needs of all pupils. There are general concerns which apply to the entire pupil personnel services program, and there are specific concerns which apply to each specialized area: counseling and guidance services, psychological services, health services and social work services.

O	S	I	Y	N	General concerns	Comments
					1. There is a written pupil personnel services program for the district. Copies are distributed to all professional staff members.	
					2. There is a director or coordinator of pupil personnel services.	
					3. There is a written job description for each position, and responsibilities are defined.	
					4. There are adequate facilities for work, consultation and storage.	
					5. Supportive personnel is provided.	
					6. In-service programs orient teachers and other school personnel to procedures, purposes and desired outcomes of the program.	
					7. There is evidence of planned assistance and communication among staff, home and community agencies.	
					8. Time for planning, preparation of reports, outside consultation, regular team meetings, visitations and professional meetings is provided.	
					9. Records are maintained and information released as directed by district policy.	
					10. There is a system for identifying and referring students in need of the various pupil personnel services.	

O | S | I | Y | N

General concerns

Comments

11. Evaluation of students is continuous and individualized and is designed to improve student performance.
12. Periodic reports on students' performance are made to parents/guardians.
13. There is continuous evaluation of pupil personnel services.

Specific concerns

Counseling and Guidance Services

1. The written pupil personnel services program contains specific guidelines for guidance.
2. All elementary guidance counselors hold elementary guidance certification.
3. The guidance program is designed to help all children. It is not crisis-oriented nor does it concentrate on remediation or therapy.
4. The guidance program complements the instructional program.
5. Guidance personnel are available at all times.
6. Guidance and counseling services are free of race and sex prejudice.
7. Guidance counselors are aware of flaws in traditional tests, which may discriminate against socioeconomically disadvantaged students and students whose first language is not English.
8. Guidance personnel provide the following services:
 - a. Plan and develop the guidance program with the school staff.
 - b. Observe children.
 - c. Supervise the psychological and achievement testing program.
 - d. Administer individual tests as needed.

- e. Interpret test results to staff and parents/guardians as needed.
- f. Counsel children, parents and teachers on an individual basis.
- g. Refer children needing intensive diagnosis and treatment to appropriate specialists or agencies, with parental permission.
- h. Arrange, and participate in, parent-teacher conferences as needed.
- i. Maintain confidential records for each child specially served.
- j. Conduct orientation for children new to the school district.
- k. Cooperate with personnel at receiving schools to assure orientation, articulation and an accurate information flow.

Psychological Services

- 1. The written pupil personnel services program contains specific guidelines for psychological services.
- 2. A full-time certificated school psychologist is employed by the district.
- 3. Supplementary psychological services are readily available through the intermediate unit.
- 4. Individual psychological testing is provided as needed (by district, agency or intermediate unit personnel), and recommendations are made for proper placement in accord with local and state regulations.
- 5. Conferences are held with parents/guardians of children who are referred for psychological services.
- 6. Confidential records of all psychological services rendered are maintained and released according to district policy.

Health Services

- 1. The written pupil personnel services program contains specific guidelines for health services.

[illegible]

Specific concerns

Comments

Social Work Services

2. A home and school visitor and a social worker are employed by the school district.
3. There is open communication and a regular working relationship between the school and outside social agencies, i.e., family services, children's bureau, Salvation Army.
4. Social histories are kept for each child participating in the social services program according to district policy.
5. Attendance procedures are provided by the district in accordance with the School Laws of Pennsylvania.
6. Families of children with poor attendance receive regular counseling.
7. There are written procedures for suspension and expulsion of pupils.
- 8.
- 9.
- 10.

PUPIL PERSONNEL SERVICES: SUMMARY

1. Describe the commendable aspects of the pupil personnel services program.
2. Describe the unsatisfactory aspects of the pupil personnel services program. Make specific recommendation in priority order for the improvement of this program.

SCHOOL-COMMUNITY RELATIONS

One of the cornerstones of any successful elementary school program is effective communication throughout the entire community. Efforts must be made by the school to encourage community participation.

O S I Y N	<u>Activities</u>	<u>Comments</u>
	1. The school board publishes a community relations policy statement compiled by the entire school community.	
	2. A citizens advisory committee, representative of the various viewpoints of the community, participates in making important school decisions.	
	3. The school staff communicates with each other, with students and with community groups.	
	4. Community contributions to the school program are sought by the staff.	
	5. There is an active parent-teacher organization.	
	6. Parents/guardians and other community members feel welcome at the school.	
	7. Counselors and social work personnel have flexible hours to accommodate working parents.	
	8. Planned volunteer programs give community members an opportunity to participate in the school's activities.	
	9. New students and their parents are offered a special program of introduction and orientation.	
	10. There are parents' workshops or similar activities as needed.	

O S I Y N

Activities

Comments

11. There are open house programs--fairs, science fairs, gym demonstrations, concerts, art shows, school plays--cooperatively planned by the school and parent/citizen organizations.
12. The school provides speakers and demonstrations for service clubs, churches and other community organizations.
13. Sound/film presentations and displays are prepared and presented to community organizations.
14. There is a written policy for the use of school facilities by the community.
15. Community facilities are used by the school for educational purposes.
16. The following community facilities and service organizations are equally accessible to all pupils.

☐ a. playground	☐ l. historical sites
☐ b. swimming pool	☐ m. Cub Scouts, Boy Scouts
☐ c. state or community park	☐ n. Brownies, Girl Scouts
☐ d. gymnasium	☐ o. 4-H
☐ e. community recreation center	☐ p. CYO
☐ f. nature trails, etc.	☐ q. YM/W/CA
☐ g. museum	☐ r. YM/W/HA
☐ h. public library	☐ s. Boys' Club
☐ i. art gallery	☐ t. Girls' Club
☐ j. zoo	☐ u. Other (specify)
☐ k. cultural center	
17. The student body is provided channel(s) through which their ideas and concerns are shared with the faculty and administration.
18. School employes are encouraged to share their special talents and hobbies: music, art, needlework, crafts, dancing, photography, theatre, etc.
19. Photos and articles of school and community events or school personnel are posed in a conspicuous place, then filed for future reference.

O | S | I | Y | N

Activities

Comments

20. The school staff is informed of board and administrative developments as soon as possible.
21. The school staff is informed before position vacancies are made public.
22. There is a welcome program or a "helping hand" policy for new employees: professional, paraprofessional and nonprofessional.
23. Public/human relations are provided for better communications and rapport between: teacher-teachers; teachers-administrators; pupils-teachers; parents/guardians-teachers; parents-administrators; staff-board; teachers-community.
24. There are specific channels to resolve complaints, eliminate misunderstandings and protect the right of appeal.

Activities--others

1.

2.

3.

4.

5.

O S I Y N Publications

Comments

1. There is a district public relations staff headed by a professionally trained person. In small districts this may be a part-time position.
2. There is sufficient secretarial staff to meet the needs of the department.
3. The school principal translates the district's community relations policies into activities, always maintaining close contact with the district public relations department.
4. There is an annual handbook to inform the community of matters concerning the school program and activities.
5. There is a teachers' manual presenting school policy, rules and regulations and job descriptions.
6. There is a comprehensive student handbook.
7. There is a separate handbook for kindergarten and prekindergarten children as part of a "welcome to school" program.
8. A school newspaper is planned, edited and published by pupils under the guidance of a teacher-adviser.
9. A newsletter or bulletin is issued periodically to parents.
10. Attractive brochures are published for special events such as dedications, homecomings and retirement.
11. News releases are prepared for radio, television and the press.
12. Arrangements are made for news photos of special events and day-to-day school activities.

O S I Y N

Publications--Others

Comments

1.

2.

3.

4.

5.

SCHOOL-COMMUNITY RELATIONS: SUMMARY

2. Describe the unsatisfactory aspects of the school-community relations program. Make specific recommendations in priority order for the improvement of this program.

SCHOOL PLANT

The school plant, which includes the site, buildings, equipment, all special areas and environs, contributes to desirable learning experiences and outcomes. A well-designed, well-maintained, attractive and functional school plant can stimulate students and the community to respect public property and to use the facilities effectively. Adherence to the state's location, health, sanitation, safety and aesthetic standards deserve top priority as a part of the continuing school evaluation program.

Standards mandated by the Bureau of School Construction, Pennsylvania Department of Education (hereafter referred to as "standards") should be consulted in the evaluation of the school plant. This evaluation should determine the extent to which physical surroundings enhance or inhibit the instructional program of the school. If the physical setting inhibits the instructional program, such limitations should be noted and appropriate recommendations made. Commendations should be made when imagination and innovation are employed to enhance the school environment or to counteract restrictive influences.

Minimum standards: It is presumed that local and state standards and regulations relating to the health and safety of occupants are being met. Where deficiencies have been cited, the plans and progress for elimination of such deficiencies should be evaluated.

1. Give date of last inspection by fire underwriters and attach copy of recommendations. _____
2. Give date and time of last fire drill. _____
3. Give date of last inspection by Department of Labor and Industry of general safety conditions and attach copy of recommendations. _____
4. Give date of last inspection by representative of Department of Health and attach copy of recommendations. _____
5. Give date that the long-range developmental plan (school facilities section) was last submitted to the Pennsylvania Department of Education. _____
6. Give date of approval of school policy regarding the responsibility of students for school property and attach a copy. _____

O | S | I | Y | N

Site

Comments

1. The school site meets minimum standards.
2. Development of the site gives evidence that the school district is concerned with providing worthwhile community activities for youth and adults.
3. Plantings, grooming and cleanliness of the site set high standards for students and community to emulate.
4. The school site serves as an outdoor learning laboratory for all aspects of the instructional program.
5. The site is as near as possible to the center of present and expected future school population.
6. The building is reasonably free from traffic and transportation hazards.
7. The site is accessible to the school population being served.
8. The site has sufficient acreage to provide for the needs of the school.
9. Adequate parking facilities, large enough to accommodate cars for evening programs, are provided.
10. The 10-year, long-range plan provides for projected sites and facilities.
- 11.
- 12.
- 13.

O	S	I	Y	N	Site
---	---	---	---	---	------

Comments

14.

15.

Building

1. Classrooms and auxiliary spaces have been evaluated by the staff to determine their suitability to the educational plan.
2. Creative plans have been put to use for overcoming physical limitations of the school plant.
3. The building is being used to best advantage to implement the established curriculum and updated long-range plan.
4. The following facilities are present to promote learning:
 - a. chalkboard and bulletin boards
 - b. conference and large group areas
 - c. movable equipment (shelves, tackboards, pianos, etc.)
 - d. others
5. The building meets standards for present enrollment.
6. The building is attractive inside and outside; there is a planned program of maintenance and custodial care for the school plant.
7. The building is fire resistant and equipped with fire extinguishers to meet underwriters' standards.
8. The building provides for the health and safety of students; steps, ramps, doors, health suite, etc., meet state standards.

O	S	I	Y	N	Building
---	---	---	---	---	----------

Comments

- | | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | 9. Provision is made for use of educational television. | |
| | | | | | 10. The building provides adequately for community use for social, cultural and recreational activities. | |
| | | | | | 11. The quality and quantity of illumination meets state standards. | |
| | | | | | 12. The emergency lighting system is tested at least once a week. | |
| | | | | | 13. The heating and ventilating system can be regulated to suit varied needs in individual classrooms and auxiliary rooms throughout the year. | |
| | | | | | 14. Drinking fountains are sufficient to meet student needs and are of a comfortable height. | |
| | | | | | 15. Adequate toilets and lavatories are provided students at comfortable heights and according to state standards. | |
| | | | | | 16. Desirable standards of sanitation are maintained in all lavatories; sinks and toilets are approved by the Pennsylvania Department of Health. | |
| | | | | | 17. Electrical switches and outlets are easily accessible. | |
| | | | | | 18. Fresh air is circulated through all instructional areas and offices. | |
| | | | | | 19. Custodial facilities and equipment meet the needs for a clean, sanitary, attractive building. | |
| | | | | | 20. Provision is made for the prompt and proper disposal of garbage, sewage and trash. | |
| | | | | | 21. Fire inspections and drills are held in accordance with the School Laws of Pennsylvania. | |

O | S | I | Y | N

Building

Comments

22. Emergency evacuation procedures are planned.
23. All classrooms meet the standards for size of class accommodated.
24. Sufficient storage area is provided in all classrooms.
25. Sufficient and convenient storage areas are provided for books, instructional materials and supplies, physical education equipment, etc., outside of classrooms.
26. The gymnasium meets the needs of the school and the community in size and equipment.
27. Shower facilities are provided for the physical education program.
28. The heating plant is located away from student areas and is maintained in a safe, clean and orderly fashion.
29. Provision is made for the storage of machinery, grounds equipment and excess school furniture.
30. A copy of the latest standards for elementary school facilities (Pennsylvania Department of Education) is available in the building.
31. The school has a library media center sized to accommodate the enrollment.
32. Space in the library area is available for housing instructional audio-visual media materials and equipment.
33. Space for professional books and materials is provided.
34. The library media center meets the state minimum space recommendations.
35. There is a comfortable teacher's lounge large enough to accommodate a significant number of the faculty at one time.

O | S | I | Y | N

Building

Comments

36. There are men's and women's lavatory and toilet facilities for staff.
37. There is a teacher's workroom equipped for typing, duplicating and other normal faculty activities.
38. There is adequate administrative office space, including a private principal's office.
39. There is an attractive lobby equipped with furniture.
40. There is adequate office and storage space for itinerant professional staff.
41. There is a satisfactory intercommunications system.
42. There is a receiving and distribution system for radio and ITV/ETV.
43. There are a cafeteria and an adjoining kitchen or other food preparation facilities which meet state standards.
44. There is a health suite which includes examination room, toilet and lavatory, bed area for sick children and a nurse's station.
45. Maintenance requests by staff are serviced properly.

SCHOOL PLANT: SUMMARY

1. Describe the commendable aspects of the school plant.
2. Describe the unsatisfactory aspects of the school plant. Make specific recommendations in priority order for improvement.

STAFF - INDIVIDUAL

The purpose of this section is to collect professional information about faculty members.

Each member is asked to complete this form carefully and promptly return one copy to the staff committee. The committee will compile the information and make commendations and recommendations which will be part of the final steering committee report.

1. Read all directions carefully and respond to every question. In some cases, it might be necessary to answer with "none" or "zero" in order to show that a question has been considered.
2. Verify each answer. In some cases, it might be necessary to refer to personal records.
3. Supply complete answers. If there is insufficient room to write answers, insert extra sheets.
4. All information is for committee use only and will be treated as confidential information.
5. Give data sheets to the chairperson of the staff committee.

INDIVIDUAL PROFESSIONAL INFORMATION RECORD

Name _____
Grade or _____
Subject _____
School _____
Date _____

PLEASE
PRINT

A. Training

1. Place an "X" in the box that most clearly describes the amount of college/university education you have up to this time:

Four yrs. or Bac.	Bac. plus 15 sem. hrs.	Mas. or Bac. plus 30 hrs.	Mas. plus 15. sem. hrs.	Mas. plus 30 sem. hrs.	Mas. plus 45 sem. hrs.	Mas. plus more than 45 sem. hrs.

2. List the following information concerning each college/university degree that you have earned:

Name of Degree	College/University	Location	Year Rec'd.
B.S. in Education	University of Illinois at Chicago	Chicago, Ill.	1968
M.A. in Education	University of Illinois at Chicago	Chicago, Ill.	1970
Ph.D. in Education	University of Illinois at Chicago	Chicago, Ill.	1972

[illegible]

3. If you have not yet obtained a degree, check here: ☐
4. Put an "X" in the box that indicates the most recent undergraduate or graduate course that you have taken for credit:

Within one year	1-5 years	5-10 years	More than 10 years

5. Are you actively pursuing a degree? ____ What degree? _____
Where? _____ What are your specific profes-
sional growth plans? _____

Individual Professional Information

6. Place an "X" in each column which indicates your major and minor areas of concentration in graduate and undergraduate education.

	Undergraduate		Graduate
	Major	Minor or 18 hrs. plus	Major
a. General Elementary Education			
b. Early Childhood Education			
c. Special Education			
d. Mathematics			
e. Social Sciences--economics, sociology, psychology, history, political science, geography			
f. Sciences--earth/space sciences, physics, biology, chemistry			
g. Administration (Circle one--Elementary; Secon- dary)			
h. English			
i. Foreign Languages			
j. Guidance/Counseling (Circle one--Elementary; Secon- dary)			
k. Reading			
l. Art, Music, Drama			
m. Health, Physical Education			
n. Speech, Hearing			
o. Nursing			
p. Librarian/Media			
q. Other (please indicate)			

5. List the offices that you hold or have held and/or other duties in professional associations for which you have been responsible.

6. List the state and/or national professional conventions or conferences which you have attended. Indicate the year(s).

7. List any educational research activities in which you have engaged. Indicate the year(s).

8. List any articles that you have had published. Indicate the date(s).

9. List any other professional activities, such as workshops and conferences, not covered in any of the above items, in which you have engaged. Indicate the year(s).

10. List any community or neighborhood activities in which you have engaged.

11. List any travel which has enhanced your educational competencies.

Year

Areas

12. What value do you believe came or may come to you, individually,
from this faculty self-study?

STAFF

The purpose of this section is to (1) collate professional information about faculty members and (2) direct the staff committee in the preparation of plans for improved patterns of staff utilization and for improved in-service education programs.

I. Faculty Profile

Collect the Individual Professional Information Record from each member of the faculty and enter the data in the faculty profile section. The staff committee should confine its analysis to the total faculty profile rather than on strengths and deficiencies of individuals.

A. Training

1. What per cent of our teachers earned a bachelor's degree at a college/university in the vicinity of this school district? (Local staff committee decides on meaning of "vicinity.")

%

2. What is the largest per cent of our teachers who have earned a bachelor's degree from the same institution?

%

Name of college/university

3. Of the teachers with master's degrees, what per cent received it at the same institution from which they earned the bachelor's degree?

%

4. Of the teachers with bachelor's degrees, how recently did they earn it? (Should add across to 100 per cent.)

0-4 years	5-9 years	10-14 years	15-19 years	20 and over
%	%	%	%	%

5. Of the teachers with master's degrees how recently did they earn it? (Should add across to 100 per cent.)

0-4 years	5-9 years	10-14 years	15-19 years	20 and over
%	%	%	%	%

6. What types of professional growth have our teachers planned?

7. Committee tabulated data:

	Undergraduate		Graduate
	Major	Minor or 18 hrs. plus	Major
a. General Elementary Education			
b. Early Childhood Education			
c. Special Education			
d. Mathematics			
e. Social Sciences--economics, sociology, psychology, history, political science, geography			
f. Sciences--earth/space sciences, physics, biology, chemistry			
g. Administration (Circle one--Elementary; Second- ary)			
h. English			
i. Foreign Languages			
j. Guidance/Counseling (Circle one--Elementary; Second- ary)			
k. Reading			
l. Art, Music, Drama			
m. Health, Physical Education			
n. Speech, Hearing			
o. Nursing			
p. Librarian/Media			
q. Other (please indicate)			

8. How recently have our teachers taken undergraduate/graduate courses? (Should add across to 100 per cent.)

Within one year	1-5 years	5-10 years	11 years or more
%	%	%	%

B. Experience

1. How much teaching experience do our teachers have and where was this experience gained? (The percentages in each set of cells should total 100 per cent.)

	0	1-5 yrs.	6-25 yrs.	Over 25
In this district	%	%	%	%
Outside this district, but in Pennsylvania	%	%	%	%
In other states	%	%	%	%
In foreign countries	%	%	%	%

2. What per cent of our teachers have participated in one or more activities within the school district, in each of the following classifications (not directed by the professional organization)?

- a. Adviser to the administration
(report card committee, etc.)
- b. Curriculum development
(writing courses of study, units of work, etc.)
- c. In-service education programs
- d. Textbook, equipment or instructional materials selection committee

%

%

%

%

f. What per cent of our teachers have not participated in any of the school activities listed? ▢ %

3. To what specific professional organizations, and in what percentages, do our teachers belong?

	%		%
	%		%
	%		%
	%	Do not belong to any	%

4. What per cent of our teachers have held a major office, committee chairmanship or committee membership in any local, state or national professional (general or specific) organization?

▢ %

5. What per cent of our teachers have attended a state and/or national convention or conference of a professional organization (general or specific)?

▢ %

6. What per cent of our teachers have engaged in one or more educational research activities?

▢ %

7. What per cent of our teachers have had an article published in a professional journal?

▢ %

8. In what other professional activities do our teachers participate?

9. What per cent of our teachers have participated in community or neighborhood activities?

▢ %

II. Observations and Recommendations

- A. Make observations concerning the professional strengths of the faculty. The observations should serve as guidance in the retention and possible expansion of outstanding practices.
- B. Make recommendations to improve the professional quality of the faculty.

THE ARTS

The arts, focusing on children as unique individuals with ideas and feelings, emphasize the development of personal insights and aesthetic understandings. They involve children in perceiving, responding, creating, understanding, evaluating and developing skills.

O	S	I	Y	N	General concerns	Comments
					1. The written philosophy of the school district recognizes the arts as an integral component of the curriculum and reflects the above statement.	
					2. A comprehensive arts program includes creative/expressive experiences in each of the following:	
					a. art	
					b. creative dramatics	
					c. creative movement	
					d. music	
					e. writing	
					3. Arts teachers are employed to implement the comprehensive arts program.	
					4. Arts teachers maintain scheduling practices which permit up to one-third of each school day to be devoted to arts experiences.	
					5. Arts teachers are included in the planning and implementing of the general curriculum.	
					6. Arts teachers have scheduled planning time.	
					7. Arts teachers are encouraged to grow professionally through:	
					a. attendance and participation in professional meetings and conferences	
					b. continuing education	

- c. exploration of an experimentation with innovative arts programs
- d. regular and frequent evaluation of the arts experiences provided children
- 8. Regular in-service programs for the total elementary staff include understanding and planning meaningful arts experiences for children.
- 9. Funds for arts materials and equipment are budgeted on a parity with other curricular areas.
- 10. Facilities are available within or near the school for:
 - a. art
 - b. creative dramatics, creative movement
 - c. multimedia perceptual experiences
 - d. general music
 - e. instrumental music
- 11. Provision is made for the identification and further development of the talented students in the art or arts of their preference.

General concepts

An examination of course guides, units of study and plans indicates that the following concepts are being developed throughout the comprehensive arts program:

- 1. Ideas for the arts come from within the individual; therefore, an individual's personal thoughts, feelings and moods are valuable and should not be causes of embarrassment or ridicule.
- 2. Individuals accept and value expressions different from their own.

O	S	I	Y	N	General concepts	Comments
					3. Media and process are chosen by the individual because they "suit" personal expression.	
					4. The artist is willing to try new ideas, processes, materials and tools.	
					5. The arts of the past and present express human values and attitudes.	
					6. Artists (writers, composers, dancers, etc.) critically analyze their work.	
					7. The arts are vital parts of learning and living rather than isolated experiences.	
					8. Doing, learning about and evaluating the arts are pleasurable experiences.	
					Additional local content concepts	
					9.	
					10.	
					11.	
					<u>General instruction</u>	
					An analysis of classroom practices indicates that the following techniques are being used.	
					1. Children become aware of light, space, sound, motion and time through sensory experiences such as:	

89

O | S | I | Y | N

General instruction

Comments

- a. collecting, categorizing and displaying examples from the environment
 - b. exploring (moving through, listening, taping, etc.) designated areas of environment under different weather conditions, times of day, from different viewpoints
 - c. matching photographs of textures with actual objects which they touch
 - d. multimedia experiences designed to emphasize particular arts elements and to stimulate ideas and feelings
2. Children are motivated or stimulated through such activities as:
- a. developing bulletin boards, art exhibitions or craft displays
 - b. viewing films, filmstrips, 8mm loops and slides individually and in groups
 - c. conversing with artists (sculptors, cabinetmakers, composers, musicians, etc.)
 - d. visiting art galleries and museums
 - e. exploring experiences in all the arts
 - f. borrowing photographs, art prints, records and reproductions for home use
 - g. visualizing unusual and imaginative combinations of light, sound, motion, space and time
 - h. listening to stories and poetry of high quality
 - i. improvising on themes or situations, playing interaction games and observing the reactions of participants
 - j. studying commercially produced art objects to make aesthetic judgments
3. Children use tools, materials, instruments and equipment safely.

O S I Y N

General instruction

Comments

4. Teachers make attentive, positive observations of each child's contribution in the arts; adult standards are not used.
5. Teachers guide children to recognize the strengths in their own art, to set personal goals and to build upon competencies.
6. Teachers value the uniqueness of each child's thoughts, feelings and moods.
7. Lesson preplanning and preparation are evidenced by:
 - a. provision of motivational and stimulation experiences
 - b. provision for learning about, doing and evaluating
 - c. provision for coordination among experiences
 - d. provision for follow-up experiences, to be implemented by the classroom teachers, which will reinforce and supplement the arts program maintained by the arts specialists
 - e. provision for set-up and clean-up time
 - f. provision for needs and interests of children
8. Performances and exhibitions include contributions of every child.

Additional instructional practices observed

- 9.
- 10.
- 11.

ART (painting, drawing, ceramics, printmaking,
sculpture, photography and film-making)

O	S	I	Y	N	Concepts	Comments
					An examination of course guides, units of study and plans indicates that the following concepts are being developed in the art program: 1. Artists of all cultures have been and are challenged by the relationships of light, space and texture. 2. The quality of an art product depends on the relationships among elements (light, space and texture), principles (contrast, unity, etc.) and the artist's personal ideas, feelings and moods. 3. Art has a specific vocabulary to describe elements, principles, products, processes, materials, tools and techniques (see addendum to the arts). 4. Artists use a variety of tools, each of which has been designed to serve a specific purpose. 5. Artists use a variety of materials, each of which has particular qualities that influence the results of an artistic endeavor. 6. All materials have potential beauty; the artist should be able to visualize the possibilities of using a particular material or combinations of materials. 7. Artists use a variety of techniques, the selection of which depends on personal ideas and feelings. Additional local concepts 8. 9.	

O	S	I	Y	N	Content	Comments
---	---	---	---	---	---------	----------

10.

11.

Equipment and materials

An examination of instructional equipment and materials indicates that the following items are available in adequate quantity, of high quality, in good repair and used in the art program:

1. Art room, classroom or activity center containing:
 - a. working space for a variety of two- and three-dimensional art activities
 - b. sink with running water and drain with plastic trap
 - c. work tables and areas for large art work or committee work
 - d. storage space for art work in process
 - e. storage space for art supplies, including moist clay
 - f. storage space for resource materials
 - g. lighting and ventilation for comfortable working conditions
 - h. room darkening devices and electrical outlets for visual aid equipment
 - i. exhibition space for two- and three-dimensional work
 - j. chalkboard (portable or stationary)
2. Comfortable furniture of various sizes provides space and smooth working surface for every child.
3. Materials for two- and three-dimensional projects (see addendum).

O | S | I | Y | N

Equipment and materials

Comments

4. Tools for two- and three-dimensional projects (see addendum).
5. Equipment that facilitates an art program for two- and three-dimensional projects:
 - a. easels
 - b. kiln for ceramic firing
 - c. puppet stage
 - d. silk screen frames
 - e. printing press
 - f. photography darkroom
 - g. loom
 - h. potter's wheel
 - i. sewing machine
 - j. cameras (still and movie)
 - k. enlargers
6. Resource materials for art appreciation that includes history of art.
- 7.
- 8.
- 9.
- 10.

CREATIVE DRAMATICS

O | S | I | Y | N Concepts

Comments

An analysis of course guides, units of study and plans indicates that the following concepts are being developed in the creative dramatics program:

1. In an improvisational experience, people must be receptive and responsive to the intellectual, emotional and physical actions or reactions of people around them.
2. Full consideration and exploration of ideas by each member of the group are necessary.
3. Light, space, motion, time and sound are natural phenomena with which the actor and author deal.
4. Emotions are shown through the voice and body in correlation with selected natural phenomena.
5. Playwrights and actors draw upon their personal feelings and experiences for creative purposes.

Additional local concepts

- 6.
- 7.
- 8.
- 9.
- 10.

O | S | I | Y | N

Equipment and materials

Comments

An examination of instructional equipment and materials indicates that the following are available in adequate quantity, of high quality, in good repair and used in the creative dramatics program:

1. A classroom or activity center with:
 - a. provision for a flexible open space of 36 square feet per student
 - b. provision for effective and simultaneous use of slide, movie, opaque and overhead projectors; television camera; mixer and recorder and appropriate sound recording and play-back equipment
 - c. student-manipulatable step and platform units and burlap/corkboard screens for scenic suggestion
 - d. a Polaroid camera, film and accessories
2. Materials commonly used in established creative drama programs (see addendum).

CREATIVE MOVEMENT

O | S | I | Y | N

Concepts

Comments

An analysis of course guides, units of study and plans indicates that the following concepts are being developed in the creative movement program:

1. Creative movement is an improvisation of movement rather than perfection of a specific movement.
2. Every person can spontaneously express ideas, moods and feelings through movement.
3. Creative movement involves different modes, directions, tempos and combinations of these.
4. Informal or nonrhythmic movement patterns may lead to more formalized expressions.
5. The quality of a movement experience depends on the relationship between (a) the natural phenomena (space, light, time, motion, sound) and the individual's personal ideas, feelings and moods and (b) the responses of individuals to each other.

Additional local concepts

6.

7.

8.

C	S	I	Y	N

Equipment and materials

Comments

An examination of instructional equipment indicates the following items are available in adequate quantity, of high quality, in good repair and are used in the creative movement program:

1. A space adequate for each class to use in exploring the entire range of movement.
 - a. a floor on which students can lie, run and go barefoot.
 - b. a percussion instrument to mark tempo.
 - c. recordings of unique or unusual sounds; appropriate playback devices.

2.

3.

MUSIC

O | S | I | Y | N

Concepts

Comments

An examination of course guides, units of study and plans indicates that the following concepts are being developed in the music program:

1. Music is a form of expression which conveys thoughts and feelings.
2. Music allows individuals creative fulfillment.
3. Music portrays the past and the present in many cultures.
4. Music consists of four basic elements--pitch, intensity, duration and timbre--which can be organized to produce rhythm, harmony, melody, form, expression and style.
5. Music has a specific vocabulary.¹

Additional local concepts

6.

7.

8.

Instruction

In addition to the applicable techniques in the General Instruction section, an analysis of actual classroom practices indicates that the following special techniques are among those being used in the music program:

1. Children are taught to use the voice properly for singing.

¹Elementary Music Guide for Classroom Teachers, Pennsylvania Department of Education, 1970; glossary, pp. 263-275.

O	S	I	Y	N	Instruction	Comments
					2. Children sing in unison.	
					3. Children learn to sing two- and three-part harmony.	
					4. Children are encouraged to strive for and maintain an acceptable pitch and tone in singing; assistance is tactfully given all pupils who are not yet certain of their pitches while singing.	
					5. Children can make and use simple percussion melody instruments.	
					6. Children have an opportunity for study on a musical instrument, either individually or in small groups.	
					7. Children who have begun study on musical instruments are provided instruction.	
					8. Children learn to recognize musical instruments by sound (timbre), appearance and use in solo or ensemble.	
					9. Children participate in vocal and instrumental music organizations.	
					10. Children discuss the works of great artists and composers of different races and both sexes.	
					11. Children read and demonstrate the use of musical notations.	
					12. Children understand and demonstrate simple forms of musical composition.	
					13. Children study music theory in relation to the music being learned, not in isolation.	
					Additional instructional practices observed	
					14.	

O | S | I | Y | N

Instruction

Comments

15.

16.

Equipment and materials

An examination of instructional equipment and materials indicates that the following items are available in adequate quantity, in good repair, of high quality and used in the music program:

1. In each classroom where music instruction is provided:
 - a. basic music series with teachers' manuals
 - b. audio-visual materials for the music series in use
 - c. supplementary song books
 - d. pitch pipe
 - e. staff liner for chalkboards
 - f. manuscript paper
 - g. a piano in good working condition
 - h. a variable-speed record player
 - i. tape recorder
2. In each elementary building's library/ media center or music lab:
 - a. recording and playback equipment
 - b. projection equipment
 - c. videotape equipment
 - d. music stands
 - e. multiple headsets
 - f. pianos
 - g. tapes and cassettes
 - h. recordings (jazz, ethnic, classical, etc.)
 - i. overhead transparencies
 - j. films, slides and filmstrips
 - k. videotapes
 - l. triangles
 - m. cymbals

O	S	I	Y	N	Equipment and materials	Comments
					n. tambourines	
					o. maracas	
					p. claves	
					q. cowbells	
					r. sleighbells	
					s. woodblocks	
					t. temple blocks	
					u. recorders	
					v. resonator bells	
					w. autoharps	
					x. guitars	
					y. bongo drums	
					z. conga drums	
					aa. snare drums	
					bb. bass drums	
					cc. sticks, beaters, mallets	
					dd. adequate facilities for large ensemble rehearsals	
					ee. sufficient number and variety of band and orchestral instru- ments to insure balance in instrumental organizations	
					ff. sufficient music for chorus, band and orchestra	
					gg. basic electronic equipment and materials available to students for use in generating, modifying and organizing sounds into musical compositions	
					hh. areas (stations) for skills, listening, strategy work, recitals and practice	
					ii. carrels, tables, chairs which are light, easily moved and stora- ble	
					jj. ample cabinet and storage facili- ties	

ADDENDUM: ARTS

(Check each item which is included in the program in some manner)

1. Art: vocabulary

Space:

- ☐ a. line
- ☐ b. shape
- ☐ c. mass
- ☐ d. area
- ☐ e. overlap
- ☐ f. volume
- ☐ g. large
- ☐ h. small

Light:

- ☐ a. shadow
- ☐ b. color
- ☐ c. intensity
- ☐ d. hue
- ☐ e. value
- ☐ f. transparent
- ☐ g. opaque
- ☐ h. translucent
- ☐ i. matte

Processes and techniques:

- ☐ a. incising
- ☐ b. intaglio
- ☐ c. sculpting
- ☐ d. glazing
- ☐ e. knotting
- ☐ f. subtractive weaving
- ☐ g. wash
- ☐ h. scumbling
- ☐ i. collage
- ☐ j. developing
- ☐ k. enlarging and printing

Texture:

- ☐ a. soft
- ☐ b. hard
- ☐ c. pliable
- ☐ d. smooth
- ☐ e. rough
- ☐ f. dry
- ☐ g. wet
- ☐ h. jagged
- ☐ i. fuzzy

Principles:

- ☐ a. unity
- ☐ b. variety
- ☐ c. rhythm
- ☐ d. movement
- ☐ e. direction
- ☐ f. contrast
- ☐ g. balance
- ☐ h. focus
- ☐ i. proportion
- ☐ j. repetition

Tools and materials:

- ☐ a. construction paper
- ☐ b. yarn (2 ply, 3 ply, 4 ply)
- ☐ c. cord
- ☐ d. clay (earth, modeling)
- ☐ e. vise
- ☐ f. awl
- ☐ g. rasp
- ☐ h. brushes (flats, brights)
- ☐ i. aperture
- ☐ j. film qualities
- ☐ k. developing chemicals

2. Art: materials for two- and three-dimensional projects:

- ☐ a. paper; all kinds
- ☐ b. cardboard
- ☐ c. pencils and pens
- ☐ d. cloth; felt and other fabrics
- ☐ e. wood
- ☐ f. metal; foil, plate, wire
- ☐ g. plaster

- ___ h. clay
- ___ i. paint; water, textile
tempera, oil, shellac,
acrylic
- ___ j. ink; drawing, printing
- ___ k. chalks, charcoal, pastels
- ___ l. leather
- ___ m. plastic
- ___ n. reed
- ___ o. paint thinners
- ___ p. linoleum blocks
- ___ q. pins and fasteners
- ___ r. glues and pastes
- ___ s. screws and nails
- ___ t. crayons
- ___ u. pipe cleaners
- ___ v. tape
- ___ w. string and rope
- ___ x. yarn

3. Art: tools for two- and three-dimensional projects:

- ___ a. hammers and mallets
- ___ b. scissors
- ___ c. rulers
- ___ d. compasses
- ___ e. paper cutter
- ___ f. staplers
- ___ g. pencil sharpeners
- ___ h. pliers
- ___ i. saws (metal, wood)
- ___ j. vises and clamps
- ___ k. brushes; all kinds
- ___ l. knives
- ___ m. files
- ___ n. screwdrivers
- ___ o. brayers
- ___ p. needles

4. Creative drama: materials commonly employed in established creative drama programs:

- ___ a. colored paper, cloth and perforated
plastic sheets
- ___ b. basic costumes such as hat bodies,
aprons, sashes, jerkins
- ___ c. stretch-fibre tools
- ___ d. basic playthings, balls, beanbags,
etc.
- ___ e. assorted lengths of sash cord,
ribbons and yarn; thread; pins
- ___ f. common unprepared food stuffs

- ___g. common household utility tools
- ___h. 3'0" dowel lengths
- ___i. vibrantly colored floor mats or rug samples, approximately 2' x 2'
- ___j. records, audiotapes or cassettes of rhythmic or mood music
- ___k. kraft paper in 3'0" wide rolls
- ___l. soluble white paste
- ___m. small vibrantly colored pillows
- ___n. sample color media books (plastic preferred over gelatin)
- ___o. motivational and source files: pictures, drawings, etc.

ARTS: SUMMARY

1. Describe the commendable aspects of the arts program.

2. Describe the unsatisfactory aspects of the arts program. Make specific recommendations in priority order for the improvement of this program.

COMMUNICATIONS

Communications should be a continuous program in which the skills at one level are built upon skills mastered at the previous level. These skills should be developed to each pupil's capacity.

Efforts should be made to balance the input areas of communication--listening, reading, observing and vocabulary development--with the output areas of communication--speaking, graphic arts, writing, critical and creative thinking. There must be evidence that children have opportunities to see the relationship of listening, speaking, writing and reading.

Children whose native language is other than English shall have the opportunity to learn communication skills through a program directed by a bilingual teacher using specialized learning materials.

O | S | I | Y | N

Instruction

Comments

An analysis of classroom practices indicates that the following techniques are used in the communications program:

Listening

1. Children have opportunities to develop listening skills by means of:
 - a. poetry
 - b. prose
 - c. drama
 - d. individual reports
 - e. book reviews
 - f. discussions
 - g. storytelling
 - h. formal listening lessons
 - i. assembly programs
 - j. conversation
 - k. informal listening activities
 - l. recordings
 - m. following directions
2. Children listen, interpret and react to information contained in oral communication on a continuous basis.
3. Children follow the flow of ideas over a sustained period well enough to follow a theme.

O S I Y N

InstructionCommentsListening

4. Children distinguish fact from opinion and inaccuracy.
5. Children relate author's ideas to personal experiences.
6. Children are encouraged to value and respect what others have to say.
7. Children develop auditory discrimination.
8. Children are provided opportunities to hear accepted literature well read.
9. Children experience pleasure through listening.
10. Children visualize and interpret when they hear nouns, verbs, adjectives and adverbs.
11. Children are encouraged to use classroom listening centers each school day.
12. Children are encouraged to be aware of sounds around them.

Additional instructional practices observed

- 13.
- 14.
- 15.

Speaking

1. Children convey their thoughts freely in their home-rooted languages.
2. Children distinguish between effective English and poor articulation, enunciation and pronunciation.
3. Children are given opportunities to think and speak freely.

O | S | I | Y | N

Instruction

Comments

4. Children are given opportunities to articulate, enunciate and pronounce effective English.
5. Children are able to convey information accurately.
6. Children use language effectively.
7. Children recognize the beauty and impact of language in oral communication.
8. Children ask questions concisely.
9. Children organize and deliver logical responses.
10. Children establish rapport and maintain the interest of listeners.
11. Children have opportunities to develop speaking skills to convey information, thoughts and feelings.
12. Children are provided opportunities to stimulate and strengthen speaking skills such as:
 - a. group conversations; discussions
 - b. oral reports
 - c. dramatizations
 - d. giving directions
 - e. interviewing
 - f. choral and unison speaking
 - g. speaking before an audience
 - h. class and school announcements
 - i. telephoning
 - j. tape-recorded experiences
13. Children with special needs in speech development are provided corrective or remedial instruction at all levels.
14. Children with special needs in language development are provided corrective or remedial instruction at all levels.

O | S | I | Y | N

Instruction

Comments

Additional instructional practices observed

15.

16.

17.

Composition and Creative Writing

Concepts

1. Every experience, sensory impression or mood has potential for written expression if an individual is receptive.
2. Ideas for written expression come from an individual's personal thoughts, feelings and moods, which should not be causes of embarrassment or ridicule.
3. Different forms of expression (poetic or prose; calligraphic or multimedia) should be employed.
4. The sounds of words are frequently as important as the meanings.

Additional local concepts

5.

6.

7.

O	S	I	Y	N
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Instruction

Comments

1. Children recognize the various functions of words and can distinguish between formal and informal language.
2. Children use varying word order in sentences and a variety of sentence forms to aid in self-expression and to maintain the reader's interest.
3. Children are aware of the use of idiomatic, colloquial and slang expressions as part of our natural heritage.
4. Children recognize the importance of paragraphing, including sequential development, through familiarity with a variety of writings.
5. Children are taught specific writing skills individually or in groups as the need arises.
6. Children are given many opportunities for carefree, creative and spontaneous writing, including poetry.
7. Children discover that written composition permits clarification and objectivity of thoughts and feelings.
8. Children learn that their best writing comes from their experiences, not from something imposed on them.
9. Children's expressions of unique observations, ideas and fantasies are encouraged and respected.
10. Children develop an enthusiasm for writing which allows them to get their ideas on paper before a more acceptable form is required.
11. Children use proofreading skills once they feel secure in expressing their thoughts.

O | S | I | Y | N

Instruction

Comments

12. Children develop criteria for judging their own work by being exposed to examples of effective writing.
13. Children develop the maturity necessary for evaluating their own work through specific instruction at appropriate levels.
14. Children demonstrate their understanding of punctuation by correct use of commas, apostrophes, question marks, semicolons, periods, exclamation marks and quotation marks.
15. Children use capital letters appropriately.
16. Children develop techniques for note-taking.
17. Children develop an understanding and a skill in the use of metaphors.
18. Children are encouraged to use a variety of words and language patterns to attract the reader.
19. Children are encouraged to express the same idea in different ways.
20. Children have access to a variety of materials (resource and audio-visual) to keep curiosity alive and to stimulate expression.

Additional instructional practices observed

- 21.
- 22.
- 23.

O	S	I	Y	N	Handwriting	Comments
					1. Children begin manuscript writing in the first year and develop it as a skill.	
					2. Children use legible manuscript writing at all grade levels.	
					3. Children begin cursive writing sometime after the first year and develop it by practice.	
					4. Children use cursive writing in a fluent, easy style.	
					5. Children's individual needs in handwriting are diagnosed, then met through group and individual instruction.	
					6. Children are taught handwriting as it relates to other learning activities rather than as an isolated activity.	
					7. Children coordinate writing skills developed in the reading, spelling, English and handwriting programs.	
					8. Children recognize handwriting as a needed skill.	
					Additional instructional practices observed	
					9.	
					10.	
					11.	
					12.	

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- 106 -

O S I Y N

Spelling

Comments

1. Children are taught spelling skills in a carefully planned program which is an integral part of all areas of the curriculum.
2. Children study words appropriate to the levels and needs of their writing activities.
3. Children use various techniques to spell words correctly.
4. Children realize that a dictionary is an important aid to spelling.
5. Children use a dictionary and other resources to verify the correct spelling and meaning of words.
6. Children learn to spell correctly through written as well as oral activities.
7. Children are instructed in a variety of techniques for mastering spelling so they can discover which are most effective for them.
8. Children are provided time for spelling practice on a regular basis and in a manner to insure carry-over beyond immediate recall.
9. Children develop proofreading skills to verify spelling in all writing activities.

Additional instructional practices observed

10.

2

O | S | I | Y | N

Reading

Comments

3. These initial reading techniques should begin when each child is intellectually, emotionally and physically ready:
 - a. sight-word vocabulary building
 - b. dictating experience stories
 - c. individual and group instruction as necessary
 - d. basal, individualized, library, other printed and duplicated materials are introduced as necessary
4. Children must be instructed in the use of a wide variety of skill development techniques.
5. These word-recognition skills are necessary to decoding:
 - a. using picture clues
 - b. using context clues
 - c. using general configuration clues
 - d. using letter details
 - e. using phonics
 - f. using structural analysis
 - g. using phrase recognition
 - h. using dictionaries or glossaries
6. Comprehension skill building is basic to the reading-thinking process.
7. These interpretive reading skills are some of the comprehension skills:
 - a. making inferences
 - b. making generalizations
 - c. seeing cause and effect
 - d. identifying a purpose for reading a selection
 - e. seeing relationships
 - f. distinguishing fact from opinion
 - g. identifying sequential order
 - h. literally interpreting material read

8. Critical reading skills are some of the comprehension skills essential to the reading-thinking process:
 - a. making judgments
 - b. evaluating what the author has written
 - c. making, confirming or rejecting an hypothesis
 - d. getting the literal meaning from a selection
9. Locational and organizational skills are study skills which complement reading and enable the reader to extend information.
10. Locational skills help the reader to secure the spelling, pronunciation and meanings of words from a dictionary:
 - a. alphabetizing
 - b. using guide words
 - c. respelling phonetically
 - d. selecting appropriate meaning
 - e. using other aids (diagrams, pictures, maps, etc.)
11. Locational skills also help the reader to secure needed information from other sources:
 - a. using the table of contents, index, glossary
 - b. using reference books (atlases, globes, almanacs, yearbooks, etc.)
 - c. using the card catalog and Readers' Guide
12. Organizational skills help the reader arrange, coordinate and classify information:
 - a. taking notes
 - b. outlining
 - c. writing a summary of the material in one or several books
 - d. preparing a bibliography
13. Children's individual differences must be met through individual instruction and flexible grouping, according to the needs and interests of each child.

O | S | I | Y | N

Reading

Comments

14. Children with special needs in reading must have corrective or remedial instruction at all levels.
15. Children must develop and apply reading skills specifically to special curriculum areas such as science, mathematics, etc.
16. The reading program helps to develop in children a life-long appreciation for reading and its benefits.

Additional local concepts

17.

18.

19.

Instruction

An analysis of classroom practices indicates that the following techniques are being used in the reading program:

1. Children develop readiness skills as needed.
2. Children recognize the relationship between letters in printed words, sounds and spoken words.
3. Children's reading growth and development are continually appraised through readiness tests, informal testing procedures, reading test, teacher judgment and standardized tests.
4. Children recognize certain words as a sight vocabulary.

5. Children are provided many opportunities to dictate stories in a group or individually.
6. Children use their experience stories, either dictated or written, as a means of oral language development or as a basis for reading instruction.
7. Children are provided both individual and group instruction.
8. Children read aloud for specific purposes.
9. Children develop an expanding hearing, speaking and sight vocabulary.
10. Children develop and use word-recognition skills, comprehension skills and additional study skills such as locational and organizational skills.
11. Children's individual needs are met through flexible planning for individual and/or group instruction.
12. Children's needs are met through multi-sensory techniques.
13. Children with special needs in reading have corrected or remedial instruction.
14. Children develop and apply reading skills specific to other areas of the curriculum, i.e., science, mathematics.
15. Children vary their rates of reading according to their purposes and the material.
16. Children are provided many opportunities during the school day for independent reading.
17. Children are given guidance in reading contemporary and classical literature.
18. Children read for recreation and for information and to interpret and appreciate literature in prose and verse.

O	S	I	Y	N
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Instruction

Comments

19. Children's reading experiences lead to other activities: drama, music, dance, art and other means of creative expression.
20. Children are encouraged to make effective use of the library/media center and other reading centers or stations in the classroom.

Additional instructional practices observed

21.

22.

23.

24.

Foreign Languages

Concepts

An examination of course guides, units of study and plans indicates that the following concepts are being developed in foreign languages:

1. Foreign language programs
 - a. Elementary school foreign language study is part of the sequential language arts K-12 continuum and is available to all children.
 - b. When learning a foreign language, children must first develop skills in understanding and speaking it.

- c. Children may, in later elementary grades, develop skills in reading and writing the foreign language with an expansion of vocabulary and cultural concepts.
- d. Through foreign language instruction, children develop an appreciation of other languages and cultures.
- e. A wide variety of instructional techniques and materials can be employed to present foreign language content.

Additional local concepts

f.

g.

h.

2. Bilingual or ESL (English as a Second Language) programs

- a. Bilingual or ESL instruction is provided any group of 20 or more students in a native language that is not English. (See the guidelines which accompanied School Administrators' Memorandum No. 515, May 18, 1972.)
- b. Non-English speaking children receive initial reading instruction in their mother tongue or that in which they have oral-aural competency.
- c. Non-English speaking children receive instruction in listening, speaking, reading and writing English as their developmental levels permit.

- d. Bilingual or ESL programs include daily activities in which the non-English speaking children are together with their Anglo peers.
- e. Bicultural experiences for all children develop a multifaceted awareness and understanding of the cultural heritage and customs of various ethnic groups within the school and community.
- f. Staffing and special services patterns for bilingual or ESL programs follow the Pennsylvania Department of Education guidelines.

Additional local concepts

g.

h.

i.

Instruction

An analysis of classroom practices indicates that the following techniques are used in the foreign languages programs:

1. All children have the opportunity to participate in a sequential K-12 foreign languages program.
2. Children translate oral directions given in the target language into mental and/or physical actions.
3. Children interpret attitudes from oral and kinesic signals associated with the target language and its native speakers.

O | S | I | Y | N

Instruction

Comments

16. Foreign language teachers have special qualifications, preparation and/or certification.

17. Other classroom teachers are trained to present follow-up lessons.

Additional instructional practices observed

18.

19.

20.

Equipment and materials

An examination of instructional equipment and materials indicates that the following items are available in adequate quantity, of high quality and used in the communications program:

1. A variety of books.

2. Anthologies of prose and poetry.

3. An adequate supply of dictionaries to meet the needs of children at all levels of learning.

4. Materials and/or books to help develop language skills.

5. Language diagnostic tests.

6. A specimen set of alphabet letters and numbers in every classroom near eye level.

7. Reading materials include:

- a. manuals and guides for teachers
- b. materials and/or books to help develop readiness at all levels

- c. books written at all levels of difficulty so that the child's reading is developed sequentially
 - d. materials for practicing skills; these materials should be such that pupils can do the work independently after having been taught the skill
 - e. multilevel materials for developing reading skills such as word cards, phrase cards and appropriate games
 - f. a variety of concrete objects to enhance concept formation
8. Adequate materials for the recording of experience stories, both group and individual.
 9. Professional books in language arts instruction and professional journals in the language arts.
 10. A primary typewriter.
 11. A wide variety of audio-visual equipment and materials.
 12. Additional equipment for optional foreign language, bilingual or ESL programs:
 - a. Real items, such as hand puppets, native dress, house models, figures, etc., which accurately reflect a native culture.
 - b. Foreign language records and tapes.
 - c. Record player, tape recorder (the latter with multiple headset attachments).
 - d. Portable language laboratory or electronic listening facilities.
 - e. Foreign language games.
 - f. Adequate foreign language classroom library materials, including picture books which mirror the native culture, books, songbooks, magazines, newspapers, picture dictionaries appropriate to the age of the pupils and their level of instruction.

O S I Y N

InstructionComments

Additional instructional practices observed

19.

20.

21.

Equipment and materials

An examination of instructional equipment and materials indicates that the following items are available in adequate quantity, of high quality and used in the communications program:

1. A variety of books.
2. Anthologies of prose and poetry.
3. An adequate supply of dictionaries to meet the needs of children at all levels of learning.
4. Materials and/or books to help develop language skills.
5. Language diagnostic tests.
6. A specimen set of alphabet letters and numbers in every classroom near eye level.
7. Reading materials include:
 - a. manuals and guides for teachers
 - b. materials and/or books to help develop readiness at all levels
 - c. books written at all levels of difficulty so that the child's reading is developed sequentially

O | S | I | Y | N

Equipment and materials

Comments

Additional resource materials

13.

14.

15.

COMMUNICATIONS: SUMMARY

1. Describe the commendable aspects of the communications program.

2. Describe the unsatisfactory aspects of the communications program.
Make specific recommendations for the improvement of this program.

ENVIRONMENTAL EDUCATION

Environmental education is interdisciplinary and should be a part of the curriculum for all students. The scope of the subject calls for the expertise of many teachers, parents and community members in developing and conducting a program which meets the school community's needs. Environmental education should instill in the students a recognition of their interdependence with the environment, both artificially created and natural and a responsibility to maintain an environment fit for quality living.

O	S	I	Y	N	General concerns	Comments
					1. Environmental education is an integral part of the total school curriculum.	
					2. The environmental education program is so designed to be continually evaluated in terms of its overall effectiveness.	
					3. The environmental education program is planned cooperatively by pupils, teachers, parents, administrators and community members.	
					4. The school district has an appointed environmental education coordinator.	
					5. The environmental education coordinator has the opportunity to attend workshops, seminars or conferences on environmental education.	
					6. Teachers receive continuous in-service training in new approaches to teaching environmental education.	
					7. The environmental education program results in a positive resource potential for the local community.	
					8. Environmental education goes on after school, during weekends and vacations.	
					9. All teachers use environmental education concepts in their programs:	
					a. art	
					b. communications	
					c. health	

- d. mathematics
- e. physical education and safety
- f. practical arts
- g. science
- h. social sciences

Concepts

An examination of course guides, units of study and plans indicates that the following concepts are being developed in the environmental education program:

1. People affect and are affected by the world around them.
2. Good environmental programs are interdisciplinary and encompass the broad scope of human experience.
3. Environmental decisions involve a system of trade-offs designed to maintain the quality of life with a minimum impact upon the environment; risks must be balanced against potential benefit to produce the greatest good to the greatest number.
4. Children must develop environmental behavior patterns which will result in self-reliant, responsible, motivated members of society who consider rational processes to improve the quality of life.
5. Scientific application of resource control, urban planning and public education are some of the attempts to solve environmental problems such as 1) utilization of natural resources; 2) land, air, water and sound pollution and 3) the environmental effects of providing an increasing population and adequate quality of life.
6. Past and present local, state and national environmental problems and solutions are an integral part of the environmental study.

Additional local concepts

- 7.

An analysis of practices indicates that the following techniques are being used in the environmental education program:

1. Children have planned functional environmental education experiences such as:
 - a. field trips
 - b. making ecological surveys
 - c. gardening
 - d. visiting natural resource agencies
 - e. conducting research on local pollution control
 - f. viewing films and filmstrips
 - g. reading pamphlets, brochures
 - h. hearing lectures
 - i. visiting local businesses, industries and water, sewage and solid waste facilities
 - j. participating in discussions with local naturalists, land planners, hobbyists and other avocational experts in environmental studies
2. Children's environmental education experiences take place in:
 - a. the classroom
 - b. the school building and grounds
 - c. the community
 - d. the library/media center
3. Children's environmental education studies include:
 - a. discovery
 - b. observation
 - c. research
 - d. experimentation
 - e. problem solving
4. Children are involved in the planning of indoor and outdoor environmental education studies and activities.
5. Children are involved in environmental education study and activities and show a positive interest in them.
6. Children orally express their feelings toward wholesome conservation practices.

O S I Y N Instruction

Comments

Additional instructional practices observed

7.

8.

9.

ENVIRONMENTAL EDUCATION: SUMMARY

1. Describe the commendable aspects of the environmental education program.

2. Describe the unsatisfactory aspects of the environmental education program. Make specific recommendations in priority order for the improvement of this program.

HEALTH

A well-defined sequential health program which includes the areas outlined in the Conceptual Guidelines for School Health Programs in Pennsylvania should be an integral part of the school curriculum and an essential element in the general education of all students. It should contribute to the physical, social, emotional and mental development of each child. The content and intent of the health program must be understood by pupils, teachers, administrators and parents.

O	S	I	I	Y	N	Concepts	Comments
						An examination of course guides, units of study and plans indicates that the following concepts are being developed sequentially: 1. Optimal body functioning is maintained by cleanliness and other good health habits. 2. The various body senses need special care in order to function properly. 3. Good nutrition--a balanced diet and proper eating habits--are essential to proper body growth and development. 4. The parts and functions of the organs and systems of the body are related and interdependent. 5. There are specific causes, symptoms and effects of the common communicable and noncommunicable diseases. 6. Community health responsibilities include immunization, environmental control, health agencies and hospital and other medical services. 7. Drugs, narcotics and common household chemicals have appropriate uses but are potentially dangerous when used improperly. 8. Emotions and attitudes influence mental health and body functions. 9. Human sexuality and human behavior are closely interrelated.	

10.

11.

Instruction

An analysis of classroom practices indicates that the following techniques are being used in the health program:

1. Children define good health habits and explain their importance to optimal body maintenance.
 - a. proper posture
 - b. adequate rest and sleep
 - c. adequate exercise
 - d. adequate fresh air and sunshine
2. Children demonstrate the meaning of cleanliness and its role in maintaining optimal body functioning.
3. Children recount the parts and functions of the various body senses and the special care needed for their maintenance.
4. Children define nutrition and relate its meaning to the following:
 - a. balanced diet dealing with the four basic food groups
 - b. body growth and development
 - c. proper eating habits
5. Children explain the parts and functions of the organs and systems of the body, their relationship and interdependence.
6. Children report the causes, effect and prevention of common noncommunicable and communicable diseases.

Q S I Y N

Instruction

Comments

7. Children list and describe community health responsibilities including immunization, environmental control, health agencies and hospital and medical services.
8. Children demonstrate an ability to distinguish between drugs, narcotics and common household chemicals which have appropriate uses, yet are potentially dangerous when used improperly.
9. Children identify, list and compare the variety of narcotics and dangerous drugs.
10. Children compare and contrast the effects of stimulants and sedative drugs on the body and its functions.
11. Children demonstrate a knowledge that medically prescribed drugs and volatile substances can contribute to long-range good health for mankind.
12. Children discover and interpret the factors which contribute to drug use and/or abuse.
13. Children demonstrate a knowledge of the laws governing drugs and narcotics.
14. Children define mental health and relate the influences and effects of emotions and attitudes on body functions.
15. Children demonstrate the ability to make proper judgments by analyzing facts objectively and accurately and then acting accordingly.
16. Children's daily school experiences advance initiative, self-direction and self-discipline.
17. There is an atmosphere in the school which builds respect and understanding resulting in an acceptance attitude toward one another.

O | S | I | Y | N

Instruction

Comments

18. Children generally show a positive self-image which reflects a success-oriented learning environment.
19. There is a general indication that children are self-motivated and that the structure of the school enhances this concept.
20. Feelings of children are respected.
21. Children define sexuality.
22. Children examine and evaluate human capacity to love and respect.
23. Children interpret and evaluate group interaction as it relates to human sexuality.
24. Children demonstrate a knowledge of and an appreciation for the process of procreation at their level of understanding.
25. Children list and describe vocabulary relating to the anatomy and process of human reproduction.
26. Children recognize, analyze and evaluate the problems of growing up physically, socially, spiritually, emotionally and intellectually.
27. Children describe and interpret the psychological and physiological changes which take place in the body and the variance with which the rate of growth differs in each individual.
28. Children evaluate interpersonal relations, social mores, authority and respect for others.
29. Children demonstrate a knowledge of the effect which the endocrine glands have on behavior.
30. Children consult many sources for information before arriving at solutions.

O	S	I	Y	N	Instruction	Comments
					31. Effective use is made of the library/media center.	
					32. Effective use is made of resource people.	
					33. Field trips are taken.	
					34. There is evidence of teacher-pupil planning.	
					<u>Additional instructional practices observed</u>	
					35.	
					36.	
					37.	
					38.	
					39.	
					30.	
					<u>Equipment and Materials</u>	
					An examination of instructional equipment and materials indicates that the following items are available in adequate quantity, of high quality, in good repair and are used in the health programs.	
					1. Charts	
					2. Models	
					3. Professional books	

O S I Y N

Additional resource materials

Comments

4.

5.

6.

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HEALTH: SUMMARY

1. Describe the commendable aspects of the health program.

2. Describe the unsatisfactory aspects of the health program.
Make specific recommendations in priority order for the improvement of this program.

MATHEMATICS

The elementary mathematics program should give children the opportunity to live with the mathematical aspects of the environment in meaningful situations so that they discover its structure, meaning, language, laws and principles and the way in which mathematics as a system functions to meet human needs. These experiences must be provided for children at the level of their maturity. In learning mathematics, the elementary school child is placed in the most creative of situations. The child goes through the stages of participating and exploring materials, gains insight into concepts and algorithms and learns through directed discovery.

O	S	I	Y	N	Concepts	Comments
					An examination of course guides, units of study and plans indicates that the following concepts are being developed in the mathematics program: 1. Basic mathematical concepts are the nature of numbers, numerals, sets, ordering, one-to-one correspondence, place value and number theory and the symbolic representation of numbers. 2. The forms of notation are nondecimal, decimal, expanded and exponential. 3. Computational skills involve the four fundamental operations and their interrelationships--addition, subtraction, multiplication and division with rational numbers. 4. Other mathematical operations include working with: a. binary and inverse operations. b. mathematical symbols. c. common and complex fractions, decimal fractions, per cents and ratios. d. estimation. e. charts and graphs. f. basic and special properties--closure; order; commutative; associative and distributive principles; identity and zero elements. g. properties and names of geometric figures.	

O	S	I	Y	N	Concepts	Comments
					h. fundamental concepts such as points, line and line segments, planes, space, angles, rays, areas and volume. i. common units of linear, area, volume and weight measurement and their uses including dry, liquid, money and time measurement. j. the metric system of measurement. 5. Instruction should include quantitative relationships and skills for solving daily problems as well as a foundation for advanced study in mathematics. Additional local concepts 6. 7. 8. 9. 10. <u>Instruction</u> An analysis of classroom practices indicates that the following techniques are being used in the mathematics program:	

O | S | I | Y | N

Instruction

Comments

1. Children participate in planning and selecting mathematics activities, both for groups and individuals.
2. Children participate in learning experiences through exploration, discovery, trial and error.
3. Children learn mathematics concepts in spiraling successive levels with only valid repetition.
4. Children and teachers use reference, enrichment and other supplementary books.
5. Children use textbooks as guides rather than as devices to be followed verbatim.
6. Children use a variety of problem-solving techniques commensurate with their individual rates of growth and understanding.
7. Children are given diagnostic and/or achievement tests whenever necessary.
8. The mathematics curriculum is evaluated in light of the school's philosophy and objectives.
9. The K-12 mathematics scope and sequence curriculum reflects periodic curriculum updating.
10. Staff is provided retraining through local in-service programs, institutes and graduate study.
11. Community interest groups, parents, students and school officials are provided with information as to the nature of the K-12 mathematics program.
12. Community resources are used for the vitalization of instruction.
13. An elementary mathematics laboratory provides for storage of and ready access to a collection of mathematics equipment and materials.

O	S	I	Y	N	<u>Equipment and materials</u>	<u>Comments</u>
					23. cash registers	
					24. clocks, timers, stop watches	
					25. hand calculators	
					26. games (homemade and commercial)	
					27. rulers, protractors, compasses	
					28. slide rules	
					29. 50' measuring tape	
					30. newspapers	
					31. variety of metric and English measures (linear, weight, volume) such as pan balance scale, ther- mometer, meter stick, calipers, etc.	
					32. overhead film and filmstrip pro- jectors	
					33. transparencies	
					34. film and filmstrips	
					35. materials prepared by teacher or pupils	
					36. supplementary books, periodicals, worksheets, etc.	
					37. geo-boards (homemade and commer- cial)	
					38. catalogues	
					39. display area	
					40. listening posts	

2. Describe the unsatisfactory conditions.
Make specific recommendations for improvement of this project.

PHYSICAL EDUCATION AND SAFETY

There should be a well-defined sequential physical education and safety program which is integrated with the total school program. It should be planned to provide sequential development in each activity according to individual skill and maturation.

O S I Y N

Concepts

Comments

An examination of course guides, units of study and plans indicates that the following concepts are being developed in the physical education program:

1. A well-defined, sequential K-12 physical education program is coordinated within the school district.
2. Certificated physical education personnel can organize instruction in order to assure that:
 - a. There is evidence of preplanning and preparation of materials and equipment
 - b. The maximum value of each activity is secured
 - c. The classes are small enough to give each child individual and small group instruction
 - d. Physical education instruction is correlated with other curriculum areas
 - e. Seasonal considerations, as well as day-to-day weather, affect the selection of learning activities
 - f. All activities are based on sound safety and health practices
3. Body movement and physical skills in balance and control, strength, flexibility, agility, timing and depth perception contribute to each child's optimum physical development.
4. Group activities such as dancing and rhythmic, creative movement, team games and games of low organization contribute to each child's optimum physical development.

O	S	I	Y	N	Concepts	Comments
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5. A knowledge of the rules of, as well as participation in, individual and dual sports or activities contributes to the maintenance of lifelong physical fitness and an appreciation of desirable recreational pursuits.
6. The ability to swim becomes a personal safety measure as well as a way to maintain lifelong physical fitness.
7. Children with safety knowledge will practice safety behavior for their own protection and that of persons around them.

Additional local concepts

- 8.
- 9.
- 10.
- 11.

Instruction

An analysis of classroom practices indicates that the following techniques are being used in the physical education program:

1. All children participate in a planned daily physical education period.

O | S | I | Y | N

Instruction

Comments

2. Children are encouraged and assisted to develop physical fitness and skills as individual capabilities permit.
3. Children with handicaps are provided individual or small-group physical education on the basis of a physician's instructions.
4. Children are tested periodically to measure progress, to provide incentive for personal improvement and to allow the teacher to adjust the program to strengthen areas of weakness.
5. Children perceive home-school cooperation which has been built through reports to parents on children's strengths and weaknesses.
6. Children are afforded opportunities to develop leadership and followership.
7. Children participate in coeducational activities.
8. Children participate in field days and/or demonstrations of various phases of the physical education program.
9. Children observe minimum dress requirements established for physical education activities.
10. Children develop strength, body control, agility and timing through gymnastic activities.
11. Children develop basic natural movements and creative instincts by rhythmic activities, singing games, folk dances and creative and interpretive rhythmic and movement.
12. Children develop skills and techniques of teamwork, leadership and healthy competition by participating in games of low organization, relays and team games.

O S I Y N

Instruction

Comments

13. Children practice good sports-
manship.
14. Children practice the rules of
game activities.
15. Children develop recreational skills
and attitudes which will lead to a
wise and enjoyable use of leisure
time.
16. Children are involved in safety
planning which is an integral part
of any special event.
17. Children describe the role of community
safety agencies and their part in the
school program.
18. Children, teachers and other staff
members exhibit safety behaviors.
19. Children promote school safety by
participating in the activities of a
well-organized, knowledgeable and
efficient pupil safety patrol.
20. Appropriate audio-visual materials are
used to present portions of the physical
education program.
21. Procedures used in case of accident
are carefully developed in cooperation
with school medical personnel and parents.

Additional instructional practices observed

22.

23.

24.

An examination of instructional equipment and materials indicates that the following items are available in adequate quantity, of high quality, in good repair and are used in the physical education program:

1. One or more gymnasiums or playrooms, properly lined and marked for elementary school physical education activities.
2. An outdoor physical education area which is:
 - a. at least 100 square feet per pupil
 - b. properly lined and marked for elementary school physical education activities
 - c. easily accessible
 - d. suitably surfaced
 - e. enclosed, if necessary
 - f. graded, drained
 - g. free of hazards
 - h. suitable for community activities
3. A swimming pool.
4. Locker and shower facilities for both boys and girls.
5. Convenient lavatory and drinking facilities.
6. A supply and equipment room in which equipment and materials are equally accessible to all children. (See Physical Education in the Elementary Program, Pennsylvania Department of Education, 1972.)
7. Walls padded for safety during free play.
8. Equipment for classroom use during free play.
9. Equipment for adapted physical education.
10. Professional books in physical education and associated activities for physical education instructors and teachers.

O | S | I | Y | N

Equipment and materials

Comments

Other resource materials

11.

12.

13.

PHYSICAL EDUCATION AND SAFETY: SUMMARY

1. Describe the commendable aspects of the physical education and safety program.

2. Describe the unsatisfactory aspects of the physical education and safety program. Make specific recommendations in priority order for the improvement of this program.

PRACTICAL ARTS

Written practical arts programs may not be found in the elementary curriculum. To mark this section, the committee may have to look to secondary and middle school guides as well as elementary guides. If there are no written statements concerning practical arts in the elementary curriculum, the committee should consult with classroom teachers and observe classes in order to determine whether any of the following concepts are being developed in other subject areas:

HOME ECONOMICS

Home economics education is concerned with all people of all ages and their roles as members of a changing society. Elementary home economics programs should include concepts and activities which guide children in the acquisition of communicative and social skills necessary for meaningful living in today's society.

At the upper elementary level home economics programs need to provide experiences which help students understand their own, their family's and their peers' needs. Activities should also help students develop values and make decisions.

O | S | I | Y | N

Concepts

Comments

An examination of course guides, units of study and plans indicates that the following concepts are being developed in the home economics program:

1. Individuals and families play unique roles in our society.
2. Consumer behavior influences, and is influenced by, the market place.
3. Values, goals and standards are interrelated forces that influence decision-making.
4. Understanding the use of available human and material resources helps individuals attain goals.
5. Choices determine the kind of life people build for themselves.
6. The significance of food is related to cultural heritage, socio-economic level and emotional and physical environment.

O | S | I | Y | N

Concepts

Comments

7. Consumer decisions affect the production, processing and consumption of food.
8. Preparing and serving food requires organization and management, encourages creativity and provides satisfaction.
9. The clothes we wear are determined by many factors.
10. Experience in making clothes may bring satisfaction and proficiency.
11. Each individual needs to share the responsibility of creating a satisfying home environment.
12. Surroundings and furnishings are important and should be considered in the choice of a place to live.
13. Life in the home may be intimately related to the traditions of the family/guardians.

Additional local concepts

14.

15.

16.

O | S | I | Y | N

Instruction

Comments

An analysis of classroom practices indicates that the following techniques are used in the home economics program:

1. Children learn home economics through games, projects, field trips, non-sexist role-playing and discussion.
2. Children learn about home economics concepts through evaluation checklists, studying and discussing pictures, reading and writing stories, hearing resource people, gathering information from government and business sources, viewing films, filmstrips or slides, surveying homeowners and analyzing case studies.
3. A home economics resource person helps classroom teachers develop home economics activities in conjunction with other subjects.

Additional instructional practices observed

4.

5.

6.

INDUSTRIAL ARTS

Industrial arts experiences provide children (1) direct contact with a wide variety of material things which broaden their experience and help them deal with abstract ideas in many areas of the curriculum; (2) increased understanding of how people produce, distribute, consume and dispose of the products and services which technology has made available and (3) awareness of the concept of occupational clusters associated with career development. These experiences are to be drawn from a sociological, philosophical and psychological base that is best described for the elementary child.

O | S | I | Y | N

Concepts

Comments

An examination of course guides, units of study and plans indicates that the following concepts are being developed in the industrial arts program:

1. People throughout the world use tools and materials in various ways to develop productive societies.
2. There is basic specialized terminology relating to the home, community and industry.
3. Industry has a definite place in our society and it affects the ecology.
4. Mass production affects workers, product costs and the local and national economy.
5. There are choices to be made in design and quality of manufactured products.

Instruction

An analysis of classroom practices indicates that the following techniques are being used in the individual arts programs:

1. Children have opportunities to engage in problem-solving activities and to use the general discovery method of working with tools and materials.

O S I Y N

Instruction

Comments

2. There is basic specialized terminology relating to the home, community and industry.
3. Children use industrial arts experiences to help acquire the knowledge and the skills found in other areas of study.
4. Children learn about a wide range of careers as they relate to themselves, to work roles and to concepts of job clusters through experiences available in industrial arts education.
5. There are choices to be made in design and quality of manufactured products.
6. In the absence of an industrial arts consultant, classroom teachers conduct industrial arts instruction when the content of other courses or other instructional activities warrant such instruction.
7. There is an industrial arts consultant who assists classroom teachers with developing industrial arts experiences in conjunction with other subjects.
8. There is an industrial arts resource center to which children can go by class, small group or individually to engage in industrial arts activities under the supervision of an industrial arts consultant or the classroom teacher.
9. Effective use is made of the library media center.

PRACTICAL ARTS: SUMMARY

1. Describe the commendable aspects of the practical arts program.

2. Describe the unsatisfactory aspects of the practical arts program. Make specific recommendations in priority order for the improvement of this program.

SCIENCE

The contemporary science curriculum is definitely process-centered. Since activity serves as the focus of instruction, content evaluation in this section is limited to the expression of basic conceptual schemes readily adaptable to a variety of content.

O | S | I | Y | N

Concepts

Comments

An examination of course guides, units of study and plans indicates that the following concepts are being sequentially developed:

1. Matter

- a. Matter takes up space and has weight.
- b. Each kind of matter can be identified by its particular characteristics or properties.
- c. Some materials are made up of only one kind of matter; other materials are made up of more than one kind of matter.
- d. Matter exists in various states-- solids, liquids and gases.

2. Energy

- a. Energy is the ability to do work.
- b. Energy may exist in various forms-- mechanical, heat, electrical, electromagnetic, chemical and nuclear.
- c. Energy can be changed from one form to another.

3. Change

- a. Matter may be converted from one form to another.
- b. Energy may be converted from one form to another.
- c. Under certain conditions matter can be converted into energy and energy can be converted into matter.
- d. When any of the above (c) changes occur, the sum total of matter and energy in the universe remains the same.

- e. Large numbers of events seem to follow observable and predictable patterns; single or small numbers of events are often unpredictable in living and nonliving systems.

4. Interaction

- a. When a change is caused between two or more kinds of matter, interaction has taken place.
- b. Living things interact with one another as well as with nonliving things in their environment.
- c. Because objects and organisms interact they may be related to one another as part of a system.

5. Organisms

- a. An organism is an entire living thing.
- b. Living things are distinguished from nonliving things by certain basic characteristics or properties.
- c. Cells are considered the basic units or building blocks of living things.

Additional local concepts

6.

7.

8.

Instruction

An analysis of classroom practices indicates that the following techniques are being used in the science program:

- 1. Children measure with metric units to solve problems concerning length, area, volume and weight.

O | S | I | Y | N

Instruction

Comments

2. Children formulate hypotheses and ask questions of the environment. They use questions to describe, clarify and analyze problems and to provide direction for problem-solving.
3. Children solve problems by gathering information, working independently, using equipment and materials, observing purposefully and drawing appropriate conclusions based on these findings.
4. Children identify examples of scientific hypotheses, theories and laws as evidence that the interpretation of the data changes as their knowledge increases.
5. Children demonstrate competency in obtaining information from textbooks, reference books and the library/media center.
6. Children discriminate between:
 - a. evidence and proof
 - b. fact and theory
 - c. observation and inference
 - d. summation and analysis
7. Children keep quantitative and qualitative records that can be used as evidence for reaching tentative conclusions.
8. Children pursue problems for study and state the methods for solving these problems.
9. Children demonstrate a desire to learn and a curiosity for the unknown by formulating and performing self-motivated investigations.
10. Children defend a point of view by making use of supporting evidence.
11. Children demonstrate competency in the use of the processes of science by:
 - a. observing

ESS _____
 SAPA _____
 SCIS _____
 OTHER _____

(Describe)

(Note: ESS recommends at least one instructional kit per classroom and SCIS recommends one life science kit and one physical science kit per two classrooms on the same grade level. If these minimums are not being met or if the program differs otherwise in some large measure from the recommended implementation, list on a separate sheet the areas of difference, their effects on the desired outcomes of the program and the possible recommendations for overcoming any resulting defects.)

The use of any modern text, multitext or individualized science program that is accompanied by a class kit which supplies materials in enough quantity so that each student is actively involved in exploration and experimentation may also eliminate the necessity of using the checklist below. If there is a total implementation of any of these programs, indicate the names of the text(s) used and the accompanying kit(s).

Equipment for individual student use (quantities will vary according to local philosophy):

1. Meter sticks and yardsticks
2. Candles, alcohol burners or similar heating devices
3. Assorted thermometers, indoor/outdoor and chemical
4. Containers for holding various liquids and solids
5. Heat-proof test tubes
6. Dry cells and/or transformer units

O | S | I | Y | N

Equipment and materials

Comments

7. Lamps and lamp receptacles
8. Assorted electrical wire
9. Magnetic compasses
10. Magnifiers
11. Medicine droppers (dropping pipettes)
12. Test tube clamps
13. Containers for plants
14. Assorted seeds
- 15.
- 16.
- 17.
- 18.

Equipment for class or group use of demonstration

1. Work space and tables
2. Electrical outlets
3. Running water
4. Platform or triple-beam balance scale
5. Containers for measuring volume
6. Assorted brushes for cleaning test tubes and other containers
7. Switches or pushbuttons
8. Assorted magnets of different sizes and shapes
9. Simple motors
10. Simple microscopes--binocular and/or monocular, slides and cover slips
11. Petri dishes
12. Prisms
13. Assorted mirrors
14. Assorted lenses
15. Assorted tuning forks
16. Assorted pulleys and string
17. Assorted corks and rubber stoppers, solid and one-hole
18. Collection of rocks and mineral samples
19. Test tube holders or racks
20. Sponges for cleaning
21. Screw, wheel and axle, adjustable inclined plane
22. Six-volt batteries
23. Simple hand tools (hammer, saw, vise, pliers, screwdriver)
24. Animal cage and related support equipment such as water bottle, feed dish, litter, etc.
25. Complete aquarium setup and related support equipment such as filter, air pump, gravel, etc.

O	S	I	Y	N	Equipment and materials	Comments
					26. Electric hot plates	
					27. Galvanometer	
					28. Microprojector	
					29. Assorted glass tubing	
					30. Assorted rubber and plastic tubing	
					31. Safe common chemicals such as vinegar, sugar, salt, copper chloride, bicarbonate of soda, etc.	
					32. Aneroid barometer	
					33. Mortar and pestle	
					34. Electric bells or buzzers	
					35. Terrarium	

SOCIAL SCIENCE

Social science is concerned with knowledge and information of the activities of human beings in the past, at the present time and as these activities may relate to the future. The term social science indicates those areas of experience through which the pupils broaden and add depth to their understanding of the many facets of living in their home, school, community, state, nation, world and universe. Each program should be well-defined and understood by pupils, teachers, administrators and parents/guardians and other community members. The interdisciplinary social science program includes the subject areas of anthropology, economics, geography, history, political science, psychology and sociology.

O | S | I | Y | N

Concepts

Comments

An examination of course guides, units of study and plans indicates that the following concepts are being sequentially developed:

1. Instruction based on valued goals
(the Ten Goals of Quality Education)
is consistent with the philosophy of
a democratic society.
2. All cultures, in America and other
countries, share basic universals such
as language, technology, social organi-
zation, religion and artistic expression.
3. Cultures differ in the ways in which
they meet basic human needs, yet are
interdependent.
4. Cultures constantly change as they
borrow from other cultures or as new
inventions or discoveries are intro-
duced.
5. Differences between people are not as
significant as similarities.
6. A sensitivity to other cultures develops
understanding citizens.
7. People depend on each other for economic,
psychological and social needs.
8. An individual plays three roles in economic
life: worker, consumer and citizen.

SCIENCE: SUMMARY

1. Describe the commendable aspects of the science program.

2. Describe the unsatisfactory aspects of the science program. Make specific recommendations in priority order for the improvement of this program.

21. Understanding of the organization and administration of local, state and national government is basic to good citizenship.
22. Many human wants are culturally induced.
23. Children must be given opportunities to develop social interaction techniques such as leadership, followership, responsibility, critical thinking and problem-solving through cooperation, conflict, assimilation and accommodation.
24. The behavior of individuals is governed by commonly accepted rules and laws.
25. People of all nationalities, races, creeds, colors and backgrounds and of both sexes have made valuable contributions to society.
26. The lack of educational opportunities wastes human abilities and deprives society of the contributions which the individual might have made.

Additional local concepts

- 27.
- 28.

Instruction

An analysis of classroom practices indicates that the following techniques are used in the social science program:

1. Teachers use curriculum guides, units of study and daily lesson plans to provide direction, but take advantage of their flexibility to practice individual teacher and pupil initiative and creativity.
2. Children's individual needs are met by careful planning and the selection of alternative materials, goals, activities and resources.

O S I Y N

Instruction

Comments

3. Children are aware of expected outcomes because unit objectives are stated behaviorally.
4. Children correctly use the vocabulary which applies to concepts suitable to the social science generalizations being developed.
5. Teachers ask open-ended questions and allow for imaginative and diverse responses.
6. Children think critically when using social science materials by systematically acquiring accurate information, examining underlying assumptions and then judging the materials in light of clearly understood criteria.
7. Children collect and analyze data.
8. Children use the following library tools in locating relevant information: classification systems, card indexes, vertical file indexes, bibliographies, dictionaries, encyclopedias and atlases.
9. Children read, interpret and report information from maps, globes, graphs and charts.
10. Children apply and use research procedures and techniques in appropriate situations.
11. Children develop perspectives, insights, understandings, values and skills essential to the conduct of affairs in a democratic society.
12. Children comprehend controversial issues within their individual scope as their individual maturity develops.
13. Children use texts to gain an overview of a unit, to secure facts related to the unit, as a source for picture, graph and map study and as a means of summarizing a unit.

O	S	I	Y	N	Instruction	Comments
					14. Children plan and arrange displays to emphasize important social science learnings.	
					15. Children seek the help of library/media personnel to select and obtain appropriate audio-visual, book and nonbook materials.	
					16. Children learn through personal experience such as field trips, art and research.	
					17. Children use community resources which enrich the learning experiences.	
					18. Children work individually and in large and small groups.	
					19. There is continuous systematic social science curriculum revision.	
					20. The specific yearly topics for instruction follow a logical, well-developed and organized sequence.	
					21. Teachers, administrators and supervisors participate in social science workshops and conferences for curriculum development and improvement within the district.	
					22. Teachers, administrators and supervisors attend workshops and conferences outside the district to broaden their viewpoint and growth.	
					Additional instructional practices observed	
					23.	
					24.	
					25.	

An examination of instructional equipment and materials indicates that the following items are available in adequate quantity, of high quality, in good repair and used in the social science program:

1. Trade books relating to social science (none older than five years) which have been screened for race and sex biases.
2. Supplementary social science text materials on reading levels of all pupils--several sets per room; usually five or more copies per set.
3. Reference books, including sets of encyclopedias on reading levels of the pupils at each grade level (copyright date not more than five years old), one set per classroom.
4. Basic textbooks on reading levels of all pupils in each classroom.
5. Periodicals and newspapers of varied viewpoints.
6. Social science films, cassettes, slides, film loops, filmstrips, recordings and overhead projection transparencies.
7. Social science learning centers in each classroom.
8. A well-organized, current resource listing of print and nonbook material, one per building, is located in the library/media center.
9. Current listings of community resources and resource persons which are evaluated and distributed to the staff yearly.
10. The following up-to-date primary classroom equipment:
 - a. 16-inch readiness globe
 - b. simplified world map
 - c. simplified United States map
 - d. simplified news media

O	S	I	Y	N	Equipment and materials	Comments
					11. The following up-to-date intermediate classroom equipment: a. 16-inch pictorial globe b. physical-political world map c. physical-political map of each continent d. physical-political map of Pennsylvania e. plastic raised relief map of the United States f. up-to-date standard atlas 12. The following building or district equipment: a. portable miniature planetarium b. erasable map of the United States c. charts representing common map symbols d. maps showing population, rainfall and vegetation e. 12-inch raised sculptural relief globe, set of 15, with mobile display cart for globes Additional resource materials 13. 14. 15.	

SOCIAL SCIENCES: SUMMARY

1. Describe the commendable aspects of the social sciences program.
2. Describe the unsatisfactory aspects of the social sciences program. Make specific recommendations in priority order for the improvement of this program.

Acknowledgement

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